Ç óåãÜ *Alousystem plus* 65 åßáéÝá èåãì ï ì ï íù ôçëü óýóôçì á áëï õì éßõ ëáíü íá êáëýøåéêÜèå áñ÷ïôåêôï íçÞ áðáßçóç. Ôá ðñï ößë ôçò óåãÜò óõññÜðôï íôáéì ç÷áíçëÜ ì åôáîý ôï õò ì å ðï ëõáì ßáéá ì Þëï õò 24mm.

Ðñï óö Ýñåéõø çëÞ èåãì ï ì üí ù óç êáèþ ò ï óõí ôåëåóôÞò èåãì ï ðåãáôüôçôáò ôù í ðñï ößë (U_f) Ý÷åéõðï ëï ãéóôåßì åôáîý 2.4 – 2.9 W/m^2 K

ΥΛΙΚΟ - ΚΑΤΕΡΓΑΣΙΑ

- ÊñÜì á ÁÁ6060
- È åãì ëçÞ êáôåãáóßá - Ôõ5

ΓΕΝΙΚΑ ΧΑΡΑΚΤΗΡΙΣΤΙΚΑ

- ÐÜ÷ï ò ðñï ößë 1.4 - 1.6mm
- ÐëÜôï ò öýëëï õ 49 - 74mm
- ÐëÜôï ò êÜóáò 65 - 189mm

ΥΑΛΩΣΗ

Ôï óýóôçì á äÝ÷åôáéõáëï ðßáêåò óõí ï ëéêï ý ðÜ÷ï õò Ýù ò 53mm.

ΕΞΑΡΤΗΜΑΤΑ

Ôá åîáñôÞì áôá ðï õ ÷ñçóéï ï ðï éï ýí ôáéóôç óåãÜ (ëÜóôé-á, âï õñôóÜêéá êëð.) ðáñÜãï í ôáéáð ü áí áãí ù ñéóì Ýí ï õò êáéðéóôï ðï éçì Ýí ï õò ï ßëï õò, åîáóö áëßæï í ôáò ôçí Ünéôç ôï éôçôá êáéëåéôï õñãéêüôçôá ôï õ óõóôÞì áôï ò.

ΥΛΙΚΑ ΣΤΕΓΑΝΩΣΗΣ

Ðñï ôåßåôáéí á æçôï ýí ôáéáí áëõôéêÝò ðëçñï öï ñßåò, áð ü ôï õò ðñï ì çèåõôÝò, ãéá ôç óõì âáôüôçôá ì åôáîý ðñï ößë áëï õì éßõ êáéóôåãáí ï ðï éçôéêþ í õëéêþ í.

ΥΛΙΚΑ ΚΑΘΑΡΙΣΜΟΥ

ÕëéêÜ ì å ï äõÝôåñï pÇ åí äåßí õí ôáéãéá ôï í êáèáñéóì ü ôù í êï õö ù ì Üôù í.

ΚΑΤΑΣΚΕΥΕΣ

- Ôôáèåñü
- Ì ï í üö õëëï áí ï éãüì åí ï
- Äßö õëëï áí ï éãüì åí ï
- Åî ù ôåñéêÜ áí ï éãüì åí ï
- Ðüñôåò Coplanar
- Ãù í éêêÞ êáôáóêåõÞ

Alousystem plus 65 *is a thermo-insulated aluminium system capable to satisfy every architectural need. These profiles are mechanically joint together with 24mm insulation sticks.*

MATERIAL - TEMPER

- *Alloy AA6060*
- *T5*

GENERAL CHARACTERISTICS

- *Profile thickness 1.4 - 1.6mm*
- *Sash width 49 - 74mm*
- *Case width 65 - 189mm*

GLASS PANES

Alousystem plus 56 *series, can take glass panes up to 53mm.*

ACCESSORIES

Alousystem plus 65 *uses only quality accessories from well known and certificated companies. This way we ensure the functionality and quality of the system in general.*

INSULATION PRODUCTS

We suggest that asking specific informations from the suppliers it is necessary for determine the compatibility between aluminium and the insulation products.

CLEANING PRODUCTS

Products with neutral pH are proposed for the door and windows cleaning.

STRUCTURES

- *Fixed*
- *Single sash*
- *Double sash*
- *External opening*
- *Doors Coplanar*
- *Corner construction*

Τιμές Δομικών Προφίλ για τον Τομέα Εφαρμογής των Οδηγιών IfBT*

Γενικά:

Áõôÿò éÏ äçãßòò äéÿõï õí ôçí áîé ëüãçóç, áðü ôçí åðéëÿõï õóá áñ÷Þ ãéá ôéò êáôáóêåõÿò, ôùí ìïíùìÿñùí ðñïößò áëï õìéßõüï áöï ñÜôç ìáêñïðñüåòìç åõóðÜèåéåÜ õï õò.

Ç åöáñìïãÞ õï õòáöï ñÜêõñßù ò õï õò ðï ëïêïëï ýò ì ç÷áíéï ýò (óôáôéï ýò) êáéôçí åðéëÿõï õóá áñ÷Þ ãéá ôéò êáôáóêåõÿò. Ãéá ôéò ìåôáëëéêÿò äï ìéÿò êáôáóêåõÿò, ï éðáñáðÜñù êáíüíåò ðáñáìÿñï õí ù òðßõï ðëåßóï í áìåÜâëçõï é

Τομέας Εφαρμογής:

Ï õï ìÿáò åöáñìïãÞò ðåñé ñßåôáéóôá êýñéá öÿñï íôá óõé-åßá (óôýëï é ï ñéæïíôåò äï êïßêð.) ôùí ðåôáóìÜôùí êáé ôùí ðáñáèýñùí åð' áõôþí, óýìöùíá ìå õï ðñüôõðï DIN 18056 ãéá åðßðåäùìåïï âÿëï òêÜ øåù òL/300, ìåôáîý ôùí óôçñéæìÜôùí, ëáìâÜñï íôáò ðõ´üøç ôçí áíåìïðßóç, ôç èÿóç êáéþò êáéõï ýøï òõï õêôñßõ.

Συνέπειες για τους Κατασκευαστές Συστημάτων:

Óôá Ÿããñáöá ôåêì çñßóçò ôùí ðùëÞóåùí õï õò, ï éêáôáóêåõáóôÿò óõóôçìÜôùí õðï äåéíýï õí ôéò áíåãÿò ñï ÿò áäñáíåßáò ãéá ôá ðñï ößò õï õò êáéôéò ðñï äéáãñáöÿò ó÷åôéêÜ ì å ôá Ÿãéôôá åðéðñåüìåïï á ì åãÞèç öýëëùí.

Óåáíôßåóç ì å ôéò ðñï çãï ýì åíåò ðñáêôéêÿò, ï éñï ðÿò áäñáíåßáò ôùí ðñï ößò ðï õ åì ðßõï õí óõï áíôéåßåï ôùí Ï äçãéþí èá ðÿðåéá õðï äåéíýï íôáéóå ó÷Ýçò ì å õï ðëÜõï òóÞñéÞò õï õò. Êáèþò õï áðï ôÿëåóì á ôùí óýíèåôùí ÷áñáêôçñéóôéêþí Ý÷åéÞäç ëçöèåßõðüøç, ôá óõï é-åßá áõôÜ èá áíôáðï êñßï íôáéóå êÜèå ðåñßðôùóç óôéò áðáéôÞóåéò ôùí Ï äçãéþí.

Συνέπειες για τους Κατασκευαστές Μεταλλικών Κατασκευών:

Ç åê ôùí ðñï ôÿñùí äéáóôáóé ëüãçóç åðéõã-Üï åôáéì å õï í ï éêåßò õñüðï, ÷ñçóé ï ðï íôáò ôéò ôé Ÿò ôùí ðé Üêùí ðï õ äßòï õí ï éêáôáóêåõáóôÿò óõóôçìÜôùí:

- Åêüò õï õ ðåäßõ õ åöáñìïãÞò ôùí Ï äçãéþí èá ðÿðåéá ÷ñçóé ï ðï é ýíôáéï éáíôßõï é-åò áíáöåñüìåíåò ôé Ÿò ñï íðï íáäñáíåßáò
- Áíüò õï õ ðåäßõ åöáñìïãÞò ôùí Ï äçãéþí èá ðÿðåéá ðåëÿãï íôáéï éôé Ÿò ñï íðï íáäñáíåßáò óåóõí Üñôçóóç ì å õï ðëÜõï òüñôéóçò.

Êáèþò õï áðï ôÿëåóì á ôçò óõí é-ôÜì åí çò åëáóôéêüôçôáò Ý÷åéÞäç ëçöèåßõðüøç óåáõÜ óõï é-åßá, èá åßáéóåêÜèå ðåñßðôùóç äõí áôÜí á ðñáãì áõï ðï é çèåßäï ì éêüò õðï ëï ãéò ì üò.

Περίληψη:

Ï éÏ äçãßòò IfBT ðáÝ÷ï õí óôç âé ì ç÷áíßá ì åôáëëéêþí êáôáóêåõþí ì éá ì Ÿêï äï õðï ëï ãéò ì ï ý ãéá ôá ì ï íùì Ýá óýíèåôá ðñï ößò. ¼ëá ôá ðñï çãï ýì åíá âï çèÌ áôá ãéá ôçí åê ôùí ðñï ôÿñùí äéáóôáóé ëüãçóç ì ðï ñï ýí í á óõí å÷ßõï í á ÷ñçóé ï ðï é ýíôáé Ç ì üí ç äéáöï ñÜ Ÿãêåôôáéóôçí åðéï ãÞ ôùí ðñï ößò, ç ï ðï ßá ðëÿï í åï áñôÜôáéáðü õï õ ì Ÿá ÷ñÞóçò. Áí åì ðßõï õí óôï ðåäßõ åöáñìïãÞò ôùí Ï äçãéþí, Ÿãêõñåò åßáéï éåí åñãÿò ôé Ÿò ñï íðï íáäñáíåßáò óå óõí Üñôçóóç ì å õï ðëÜõï òüñôéóçò.

Ç ëåðõï ì åñÞò åðéåâáßóç ôçò áðáéôï ýì åíçò ñï Þò áäñÜíåéáò êáéï éôÜóåéôï ðï õ ðñï êýðõï í âÜóéôçò èåùñßáò ôçò óõí é-ôÜì åí çò åëáóôéêüôçôáò äåí áöï ñï ýí õï õò êáôáóêåõáóôÿò ì åôáëëéêþí êáôáóêåõþí. Áõôü èá ðñåÝãáé å ôéò äéáèÿóé åò äõí áôüôçôÿò õï õò êáéèá åß-å ù ò áðï ôÿëåóì á áäéêáé ëüãçóåò ÷ñåþ óåôò ôéò ôð çñåßßò õï õò.

** Το πλήρες κείμενο των Οδηγιών Απόδειξης της Ευστάθειας Μεταλλικών-Πλαστικών Σύνθετων Προφίλ (Οδηγίες IfBT) έχει δημοσιευτεί στο Πληροφοριακό Δελτίο του Ινστιτούτου Τεχνολογίας Κατασκευών, 17 (1986), Αρ. 6. σελ. 197-200.*

Structural Profile Values for the Area of Application of the IfBT Guideline*

General:

This Guideline regulates the evaluation by the construction supervisory authority of insulated aluminum profiles in terms of their long-term stability.

Their application concerns primarily structural engineers and the construction supervisory authority. For metal construction operations, the previous rules remain by and large unchanged.

Area of Applicability:

The area of applicability is restricted to the main bearing elements (supports, transoms, etc.)of curtain walls and window walls, as per DIN 18056,for a permissible deflection of L/300 in the distance between supports, considering the wind pressure, position and height of the building.

Implications for the System Manufacturer:

In their sales documentation, system manufacturers indicate effective moments of inertia for their profiles and specifications regarding maximum permissible wing sizes.

Unlike previous practice, the moments of inertia for the profiles within the scope of the Guideline are to be indicated in relation to their support width. Since the effect of the composite characteristics has already been taken into account in this regard, these details will in any case fulfill the requirements of the Guideline.

Implications for Metal Builders:

The pre-dimensioning is accomplished in the familiar manner, using the tabular values of the system manufacturers:
- Outside the scope of the Guideline, the accordingly labeled moments of inertia are to be used;
- Within the scope of the Guideline, moments of inertia dependent on the load width should be selected.

Since the effect of the elastic composite has already taken into account in these figures, a structural calculation will in any case be possible.

Summary:

The IfBT Guideline provides the metal construction industry with a calculation method for insulated composite profiles. All previous aids for pre-dimensioning can also still be used. The only difference is in the choice of profiles, which is now dependent on the area of use. If they fall within the scope of the Guideline,the load-dependent effective moments of inertia are authoritative.

A detailed ascertainment of the requisite moment of inertia and the tensions occurring under the theory of elastic combination is not the concern of the metal builders; that would exceed available capacities and result in unjustified costs for their services.

**The complete text of the Guideline for Proof of Stability of Metal-Plastic Composite Profiles(IfBT Guideline) is published in the Information Bulletin of the Institute for Construction Technology, 17 (1986), No. 6, pp. 197-200.*

Επιβεβαίωση των Απαιτούμενων Ροπών Αδρανείας Jx για Ενδιάμεσους Παραστάτες και Δοκούς Κορυφής

Ascertainment of the Required Inertial Moments Jx for Mullions and Transoms

1. Ç ì Ýõñçóç åðéôõã÷Üí åôáéóýì ö ù í á ì å ôï ðñüôõðï DIN 18056 ãéá åðéôñåðüì åíï âÝëï ò êÜï ø åù ò L/300, ì åôáîý ôù í óôçñéãìÜôù í, óýì ö ù í á ì å ôï í ÐßáêÁ, ëáì âÜí ï í ôáò õðüø ç ôï ö ñóß ôï õ áí Ýì ï õ, ôç èÝóç êáèþ ò êáéôï ýø ï ò ôï õ êôéóßõ.
ÐáñÜäåãìá ö ï ñóß õ: Åëåýèåñá óôçñéãìÉ åíï ç äï êüò óå 2 óôýëï õò, ôñáðåæïåéäÝò Þ ôñéãùí éêü ö ï ñóß.

The measurement is accomplished as per DIN 18056 for a permissible deflection of L/300 in the distance between supports as per Table, taking into account the requisite wind load, position and height of the building. Load example: Freely supported beam on 2 supports, trapezoidal or triangular load.

2. Áí ç Ñï ðÞ ÁäñÜí åãéáò Jx ðñÝðåéá åðéôåâáéù èåßãéá ï ðï éáäÞðï ôå êÜï ø ç ðëçí ôçò L/300, ð.÷. 8mm ì åôáîý ôù í Üêñù í ôù í õáëï ðéï Üêù í, ç õðï ëï ãéóìï åíç ñï ðÞ áäñÜí åãéáò èá ðñÝðåéá äéá ñèþ í åôáéì å ôï í óôí ôåëåóôÞ:

If Inertial Moments Jx is to be ascertained for any flexure other than L/300, e.g., 8mm between the edges of the panes, the inertia thus ascertained should be corrected by the factor:

$$\frac{L}{300 \times f_p}$$

3. Áí äéá÷ù ñéóôï ýí ï éö Ýñï í ôåò äï êï ß, ç áðáéôï ýì åíç ñï ðÞ áäñÜí åãéáò ðñÝðåéá äéá ñèù èåßì å ôï í áêüëï õèï óôí ôåëåóôÞ

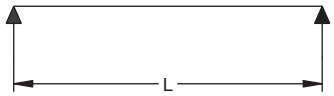
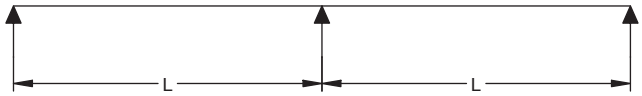
If the struts will be separated then the requisite inertial value must be corrected by the factor

$$\frac{L}{300 \times f_p} \left(\frac{L_1}{L}\right)^2$$

o ï ðï ßò ëáì âÜí åéõð´ üø ç ôç ì åãáëýôåñç äéÚóôáóç L_1 ôï õ õáëï ðßáêá ðï õ èá ÷ñçóéï ðï éçèåßóôï ðëáßóéï.

where the inertial limitation is to be considered for the longest glass edge L_1 of the partial section.

4. Äéá ñèù ôéóÝò ôéò Ýò ãéá ôç äéüñèù óç ôù í áðáéôï ýì åíù í ñï ðþ í áäñÜí åãéáò ãéá äï êï ýò åíüò êáéäýï ðåßóí áíôóôï é÷á
Correction values for the correction of the requisite inertias for single and two-field beams, resp.

Óýóôçì á äï ì êÞò åõóôÜèåãéáò *Structural stability system*	Óôí ôåëåóôÞò äéüñèù óçò *Correction factor*
Åí äéÚí åóï éðáñáóôÜôáò õðï óôçñéãìÉ åíï éêáéóôéê äýï ðåãñÝò (äï êüò åíüò ðåßóõ) *Mullions supported on both sides (single-field beam)* 	1.0
Åí äéÚí åóï éðáñáóôÜôáò õðï óôçñéãìÉ åíï éêáéóôéê äýï ðåãñÝò (äï êüò äýï ðåßóí), óôí å÷åßò, Üêáì ðï éóôçí ì åóáßá ðåñé÷Þ õðï óôÞñé çò *Mullions supported on both sides (two-field beam) continuous, flexurally stiff over medial support* 	0.6

Ï óôí ôåëåóôÞò äéüñèù óçò åíáñÜôáéáðü ôï óýóôçì á äï ì êÞò åõóôÜèåãéáò
Correction factor dependent on structural stability system.

Πίνακας επιβεβαίωσης Ροπών Αδρανείας / *Table for Ascertaining Inertial Moments*

Ìåèüø ç 1/300 äïêïõÞ ìáõ ò õðï óõüç / *At a flexure of 1/300 of trestle interval*

Áëï õì ßé *Aluminium* $(E = 7 \times 10^3 kN/cm)^2$ flexure $f = \frac{1}{300} L$

Åðéâåâáßùóç áðáéôïýìåíçò ñïðÞò áäñüôçôáò J (cm^4)
Ascertainment of requisite inertia J (cm^4)

ÐáñáôÞñçóç: Ï ÐßíáêáòÝ÷åéóõíïðïéçìÉíïò áíÝìïõ 0.5 kN/m². Ãéá äéáöïñåôéêÜ öïñôßá áíÝìïõ èá ðñÝðåéí á ãßíåé áíáðñïóáñìïãÞ.

Note: The Table is designed for a wind load of 0.5 kN/m². For changed wind loads, a conversion must be undertaken

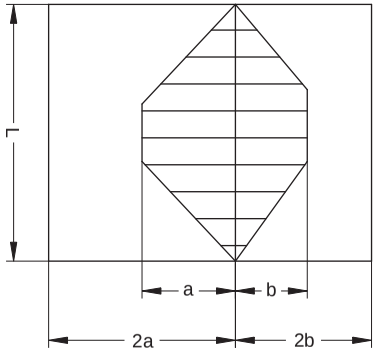
Πλάτος Φόρτισης/*Load Width* cm

Ύψος/*Height* cm

	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150
100	0.72	0.79	0.85	0.88	0.90																				
105	0.84	0.94	1.01	1.06	1.08																				
110	0.99	1.10	1.19	1.25	1.29	1.31																			
115	1.14	1.27	1.38	1.47	1.52	1.56																			
120	1.31	1.47	1.60	1.71	1.79	1.84	1.85																		
125	1.49	1.68	1.84	1.97	2.07	2.14	2.18																		
130	1.69	1.90	2.09	2.26	2.38	2.48	2.53	2.55																	
135	1.90	2.15	2.37	2.56	2.72	2.84	2.92	2.96																	
140	2.13	2.42	2.68	2.90	3.09	3.24	3.34	3.41	3.43																
145	2.38	2.71	3.00	3.26	3.48	3.66	3.80	3.89	3.94																
150	2.65	3.02	3.35	3.65	3.91	4.13	4.30	4.42	4.50	4.52															
155	2.93	3.35	3.73	4.07	4.37	4.62	4.83	4.99	5.09	5.15															
160	3.24	3.70	4.13	4.51	4.86	5.15	5.40	5.60	5.74	5.82	5.85														
165	3.56	4.08	4.55	4.99	5.38	5.72	6.01	6.25	6.43	6.55	6.61														
170	3.91	4.48	5.01	5.50	5.94	6.33	6.67	6.95	7.17	7.33	7.43	7.46													
175	4.28	4.90	5.49	6.04	6.53	6.98	7.36	7.69	7.95	8.16	8.30	8.37													
180	4.67	5.36	6.00	6.61	7.26	7.66	8.10	8.49	8.80	9.05	9.23	9.34	9.37												
185	5.08	5.83	6.55	7.22	7.83	8.39	8.89	9.33	9.70	9.99	10.22	10.37	10.45												
190	5.51	6.34	7.12	7.86	8.54	9.16	9.72	10.22	10.65	11.00	11.28	11.48	11.60	11.64											
195	5.97	6.87	7.73	8.53	9.28	9.98	10.60	11.16	11.65	12.06	12.39	12.65	12.81	12.90											
200	6.46	7.43	8.37	9.25	10.07	10.84	11.53	12.16	12.71	13.19	13.58	13.89	14.11	14.24	14.29										
205	6.97	8.03	9.04	10.00	10.90	11.74	12.51	13.21	13.83	14.37	14.83	15.20	15.48	15.66	15.76										
210	7.50	8.65	9.74	10.79	11.77	12.69	13.55	14.32	15.02	15.63	16.35	16.58	16.92	17.17	17.32	17.36									
215	8.06	9.30	10.49	11.62	12.69	13.7	14.63	15.48	16.26	16.95	17.54	18.04	18.45	18.76	18.96	19.07									
220	8.65	9.98	11.26	12.49	13.65	14.75	15.77	16.71	17.56	18.33	19.01	19.58	20.06	20.43	20.70	20.86	20.92								
225	9.27	10.70	12.08	13.4	14.66	15.85	16.96	17.99	18.94	19.79	20.54	21.20	21.75	22.19	22.53	22.76	22.87								
230	9.91	11.45	12.93	14.36	15.71	17.00	18.21	19.34	20.37	21.31	22.16	22.89	23.53	24.05	24.46	24.75	24.93	24.99							
235	10.58	12.23	13.82	15.35	16.82	18.21	19.52	20.74	21.88	22.91	23.85	24.67	25.39	25.99	26.48	26.85	27.09	27.21							
240	11.28	13.04	14.75	16.39	17.97	19.47	20.89	22.22	23.45	24.59	25.62	26.54	27.34	28.03	28.60	29.05	29.37	29.56	29.62						
245	12.02	13.90	15.72	17.48	19.17	20.78	22.31	23.75	25.09	26.33	27.47	28.48	29.39	30.17	30.82	31.35	31.75	32.02	32.15						
250	12.78	14.78	16.73	18.61	20.43	22.16	23.80	25.36	26.81	28.16	29.40	30.52	31.52	32.40	33.15	33.77	34.25	34.60	34.81	34.88					
255	13.57	15.71	17.78	19.79	21.73	23.59	25.35	27.03	28.60	30.06	31.41	32.64	33.75	34.73	35.58	36.29	36.87	37.30	37.59	37.73					
260	14.4	16.67	18.88	21.02	23.09	25.08	26.07	28.77	30.46	32.05	33.51	34.86	36.08	37.17	38.12	38.93	39.60	40.12	40.50	40.73	40.80				
265	15.26	17.67	20.02	22.30	24.50	26.62	28.65	30.58	32.40	34.11	35.70	37.17	38.51	39.71	40.77	41.69	42.46	43.08	43.54	43.86	44.00				
270	16.15	18.71	21.2	23.62	25.97	28.23	30.40	32.46	34.42	36.26	38.00	39.57	41.03	42.35	43.53	44.56	45.43	46.16	46.72	47.13	47.37	47.45			
275	17.08	19.79	22.43	25.01	27.50	29.90	32.21	34.42	36.52	38.50	40.35	42.07	43.66	45.10	46.40	47.55	48.54	49.37	50.03	50.54	50.87	51.04			
280	18.04	20.9	23.71	26.44	29.08	31.64	34.10	36.45	38.69	40.82	42.81	44.67	46.39	47.96	49.39	50.65	51.76	52.71	53.49	54.09	54.53	54.79	54.88		
285	19.04	22.06	25.03	27.92	30.72	33.44	36.05	38.56	40.95	43.22	45.36	47.37	49.23	50.94	52.49	53.89	55.12	56.19	57.08	57.80	58.34	58.70	58.88		
290	20.07	23.27	26.4	29.45	32.43	35.3	38.08	40.75	43.30	45.72	48.01	50.16	52.17	54.02	55.72	57.25	58.61	59.81	60.82	61.66	62.31	62.78	63.06	63.15	
295	21.14	24.51	27.82	31.04	34.19	37.24	40.18	43.01	45.73	48.31	50.76	53.07	55.22	57.23	59.07	60.74	62.24	63.56	64.71	65.66	66.43	67.01	67.40	67.59	
300	22.24	25.80	29.28	32.69	36.01	39.24	42.35	45.36	48.24	50.99	53.61	56.07	58.39	60.55	62.54	64.36	66.00	67.46	68.70	69.83	70.72	71.42	71.92	72.22	72.32

Äï ì ëéü ýø ï ò ðÜí ù áðü ðï åðßðåäï ðï ò åäüï ôò *Structural height over ground level* [m]	Óõ÷ýôçôá áíÝìïõ *Wind speed* (u) [m/s]	Öïñôßá áíÝìïõ Wind load*) kN/m² (kp/m²)	ÓõíôåëåóôÞò ìåôáôïðÞò *Conversion factor* F_W
0-8	28.3	0.50 (50)	1.0
8-20	35.8	0.80 (80)	1.6
20-100	42.0	1.10 (110)	2.2
over100	45.6	1.30 (130)	2.6

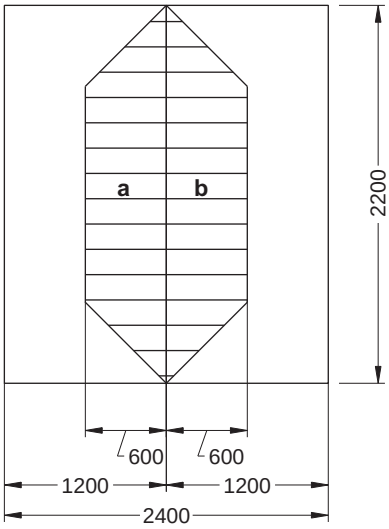
* êáíïíéêÞ åöáñìïãÞ / *normal structures*



L = Áðüóôáóç á õðïóôçñßæïõóá cm
Support interval in cm
a = ÐëÜôïò ôïõ öïñôßïõ cm
Load width in cm
b = ÐëÜôïò ôïõ öïñôßïõ cm
Load width in cm

ΠΡΟΣΔΙΟΡΙΣΜΟΣ ΑΠΑΙΤΟΥΜΕΝΗΣ ΡΟΠΗΣ ΑΔΡΑΝΕΙΑΣ
DETERMINATION OF THE REQUIRED MOMENT OF INERTIAL

Παράδειγμα 1
Example 1



¾øï òåãêáÜóôáóçò 8-20m
Öï ñôß áí Ýï ï õ 0.8 kN/m²
¾øï ò ì ðáëëï í üðï ñôáò L = 2200mm
Ì Ýãéóôç êÜì øç ì ï í ù ôêï ý õáëï ðßáêá
f_p = 8mm

Installation height 8-20m
Wind load 0.8 kN/m²
Balcony door height L = 2200mm
Max. flexure of insulating glass pan
f_p = 8mm

Ñï ðÞ áäñáí åßáò óýì öù í á ì å ôï í ÐßáêÁ
Inertia as per Table

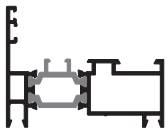
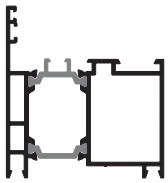
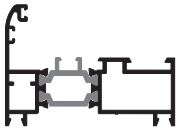
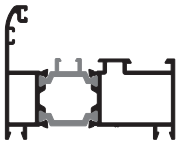
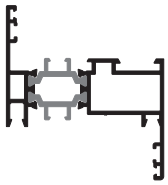
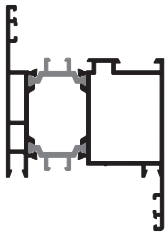
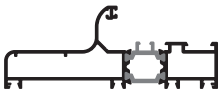
ÐëÜôï ò öüñôéóçò *Load width*	Ñï ðÞ Áäñáí åßáò *Inertia*
a=60cm	15.77cm^4
b=60cm	15.77cm^4
$J_0=J_a+J_b=$	31.54cm^4
$J_w=1.6xJ_0=$	50.50cm^4

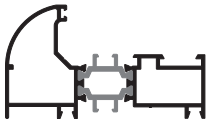
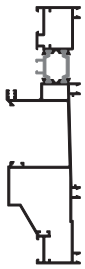
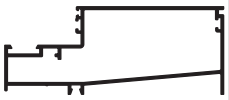
Äéïñèù óç ãéá öï ñôß áí Ýï ï õ
Correction for wind load

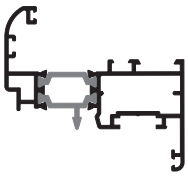
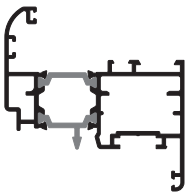
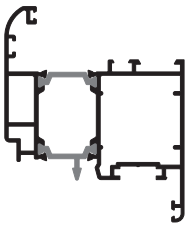
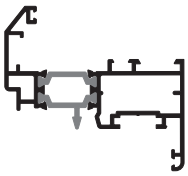
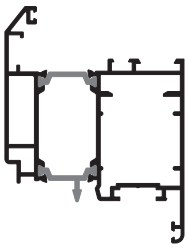
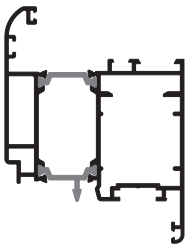
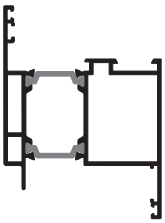
Óõí ôåëåóôÞò äéïñèù óçò ãéá ôï Üêñï ôï õ õáëï ðßáêá
Correction factor for edge of pane

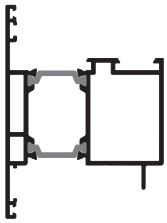
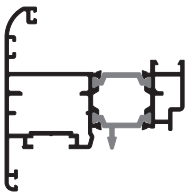
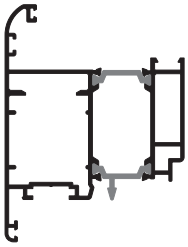
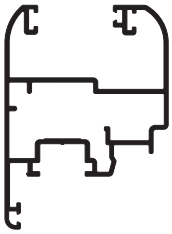
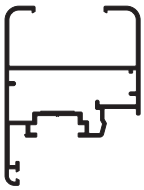
$$\frac{L}{300 \times f_p} = \frac{220}{300 \times 0.8} = 0.92,<1$$

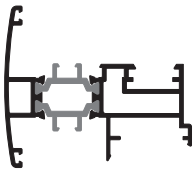
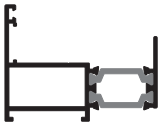
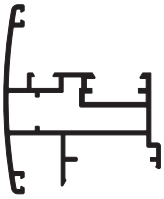
Åöüóï í ï óõí ôåëåóôÞò äéïñèù óçò åßáé<1 äåí áðáéôåßôáéáýî çóç ôçò áðáéôïý ìåí çò ñï ðÞò áäÜí åéáò.
¢ñá áðáéôïý ìåí ç ñï ðÞ áäñÜí åéáò ãéá ôï ðñï ößë åßáé50.5cm^4. Ti öýëëï ðï õ èá ÷ñçóéï ðï éçèåßåßáéôï Í ï .1302 ì å J_y: 53.6cm^4 êáéJ_x: 22.1cm^4.
Since the correction factor is <1 no correction required. Hence the required moment of inertial for the profile is 50.5cm^4. Can be used the sash profile No. 1302 with J_y: 53.6cm^4 και J_x: 22.1cm^4.

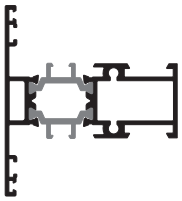
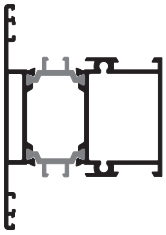
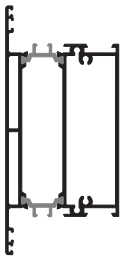
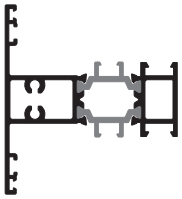
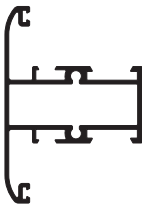
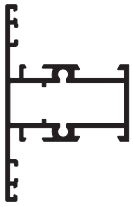
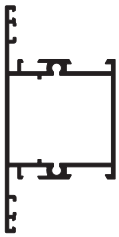
ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION	ΠΡΟΦΙΛ PROFILE
1304	**Κάσα για πόρτες - παράθυρα** *Frame profile for doors - windows* **1165gr/m**	
1306	**Κάσα για πόρτες - παράθυρα** *Frame profile for doors - windows* **1588gr/m**	
1326	**Κάσα για πόρτες - παράθυρα** *Frame profile for doors - windows* **1240gr/m**	
1329	**Κάσα για πόρτες - παράθυρα** *Frame profile for doors - windows* **1338gr/m**	
1305	**Κάσα για πόρτες - παράθυρα** *Frame profile for doors - windows* **1315gr/m**	
1307	**Κάσα για πόρτες - παράθυρα** *Frame profile for doors - windows* **1740gr/m**	
1337	**Κάσα για τζάμι - σίτα** *Frame profile for glass - mosquito screen* **1791gr/m**	

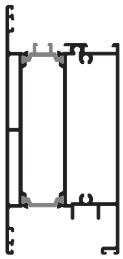
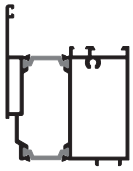
ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION	ΠΡΟΦΙΛ PROFILE
1316	**Κάσα για κύρια είσοδο** *Frame profile for entrance door* **1431gr/m**	
1325	**Ενιαία κάσα** *One block frame profile* **2671gr/m**	
1333	**Ενιαία κάσα για ενσωματωμένη σίτα** *One block frame profile for hidden mosquito screen* **2760gr/m**	
1126	**Πρόσθετη κάσα πατζουριού** *Additional frame profile for shutter* **1592gr/m**	

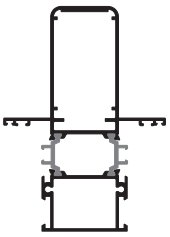
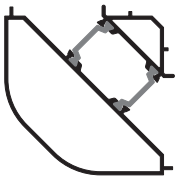
ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION	ΠΡΟΦΙΛ PROFILE
1301	**Φύλλο για πόρτες - παράθυρα** *Sash profile for doors - windows* **1403gr/m**	
1327	**Φύλλο για πόρτες - παράθυρα** *Sash profile for doors - windows* **1606gr/m**	
1302	**Φύλλο για πόρτες - παράθυρα** *Sash profile for doors - windows* **1837gr/m**	
1335	**Φύλλο για πόρτες - παράθυρα** *Sash profile for doors - windows* **1411gr/m**	
1334	**Φύλλο για κύρια είσοδο** *Sash profile for entrance door* **2049gr/m**	
1317	**Φύλλο για κύρια είσοδο** *Sash profile for entrance door* **2045gr/m**	
1314	**Φύλλο για πόρτες** *Sash profile for doors* **COPLANAR** **1633gr/m**	

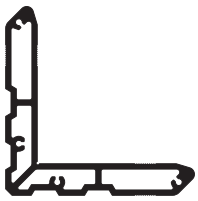
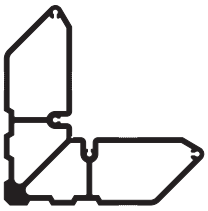
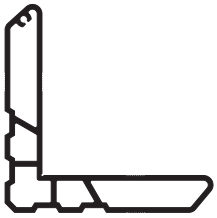
ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION	ΠΡΟΦΙΛ PROFILE
1315	**Φύλλο για πόρτες** *Sash profile for doors* **COPLANAR** **1632gr/m**	
1332	**Φύλλο για εξωτερικά ανοιγόμενα. Συνεργάζεται με το πηχάκι K1613N** *Sash profile for external opening doors. Fits with glazing bead K1613N* **1578gr/m**	
1318	**Φύλλο για κύρια είσοδο εξωτερικά ανοιγόμενη. Συνεργάζεται με το πηχάκι K1613N** *Sash profile for external opening entrance door. Fits with glazing bead K1613N* **2020gr/m**	
1117	**Φύλλο για κινητή περσίδα** *Sash profile for moving louver* **1241gr/m**	
1128	**Φύλλο για πατζούρι** *(ελαφρύ)* *Sash profile for shutter (light)* **981gr/m**	

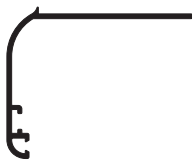
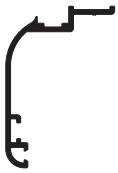
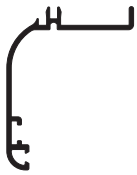
ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION	ΠΡΟΦΙΛ PROFILE
1303	**Μπινί φύλλου για τζάμι** *Clip on central profile for glass sash* **1332gr/m**	
1313	**Μπινί για πόρτες** *Clip on central profile for doors* **COPLANAR** **922gr/m**	
1103	**Μπινί φύλλου για πατζούρι** *Clip on central profile for shutter sash* **936gr/m**	

ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION	ΠΡΟΦΙΛ PROFILE
1308	**Χώρισμα Ταυ** *T shape transom* **1424gr/m**	
1309	**Χώρισμα Ταυ** *T shape transom* **1772gr/m**	
1310	**Χώρισμα Ταυ - Ταμπλάς** *T shape transom - Transom profile* **2957gr/m**	
1321	**Χώρισμα Ταυ για εξωτερικά ανοιγόμενα. Συνεργάζεται με το πηχάκι K1613N** *T shape transom for external opening. Fits with glazing bead K1613N* **1447gr/m**	
1134	**Χώρισμα Ταυ για πατζούρια** *T shape transom for shutters* **1072gr/m**	
1108	**Χώρισμα Ταυ για πατζούρια** *T shape transom for shutters* **1050gr/m**	
1109	**Χώρισμα Ταυ για πατζούρια** *T shape transom for shutters* **1220gr/m**	

ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION	ΠΡΟΦΙΛ PROFILE
1328	**Ταμπλάς για πόρτες** *Transom profile for doors* **2928gr/m**	
1322	**Ταμπλάς για πόρτες εξωτερικά ανοιγόμενες. Συνεργάζεται με το πηχάκι K1613N** *Transom profile for external opening doors. Fits with glazing bead K1613N* **2901gr/m**	
1311	**Πρόσθετο κάτω χώρισμα** *Lower additional transom profile* **1720gr/m**	
K1406	**Αεροφράχτης για ταμπλά** *Air damper profile for transom* **577gr/m**	
1336	**Αεροφράχτης για ταμπλά** *Air damper profile for transom* **748gr/m**	
574	**Κατωκάσι για στεγάνωση πόρτας** *Sealing door profile* **676gr/m**	

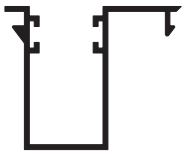
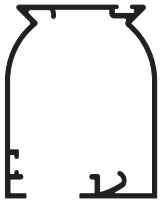
ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION	ΠΡΟΦΙΛ PROFILE
1312	**Κολώνα** *Mullion profile* **2534gr/m**	
1323	**Κολώνα για γωνιακές κατασκευές 90°** *Mullion profile for corner 90°* **1580gr/m**	

ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION	ΠΡΟΦΙΛ PROFILE
K1401	**Προφίλ για γωνία σύνδεσης** *Profile for corner cleat* **3407gr/m**	
K1402	**Προφίλ για γωνία σύνδεσης** *Profile for corner cleat* **2685gr/m**	
K1403	**Προφίλ για γωνία σύνδεσης** *Profile for corner cleat* **3515gr/m**	
502	**Προφίλ για γωνία σύνδεσης** *Profile for corner cleat* **3249gr/m**	

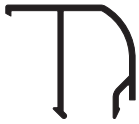
ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION	ΠΡΟΦΙΛ PROFILE
K1408	**Αρμοκάλυπτρο** *Decorative cover* **401gr/m**	
K1409	**Αρμοκάλυπτρο. Δεν συνεργάζεται με την κάσα 1337** *Decorative cover. Doesn't fits with frame profile 1337* **362gr/m**	
K1414	**Αρμοκάλυπτρο** *Decorative cover* **362gr/m**	
K1416	**Αρμοκάλυπτρο** *Decorative cover* **269gr/m**	

ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION	ΠΡΟΦΙΛ PROFILE
K1405	**Πρόσθετο προφίλ για πόρτα** *Additional profile for door* **COPLANAR** **180gr/m**	
K1415	**Προφίλ σύνδεσης για κάσες** *Joint profile for frames* **136gr/m**	
1119	**Κούμπωμα για κινητή περσίδα** *Clip for moving louver* **224gr/m**	
613	**Κούμπωμα για οβαλίνα. Συνεργάζεται με το εξάρτημα 023001** *Clip for oval shutter profile. Fits with accessorie 023001* **258gr/m**	
K1616	**Κούμπωμα για πηχάκια τζαμιού** *Clip for glazing bead* **104gr/m**	
231	**Κάλλυμα για κάμερα κάσας** *Groove cover for frames* **59gr/m**	
1137	**Κάλλυμα για σταθερή περσίδα** *Cover for fixed louver* **145gr/m**	

ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION	ΠΡΟΦΙΛ PROFILE
K1404	**Ντίζα** *Sliding rod* **159gr/m**	
K1411	**Νεροσταλάκτης** *Water protection* **160gr/m**	

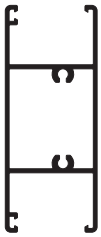
ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION	ΠΡΟΦΙΛ PROFILE
10-05	**Χερούλι ενσωματωμένης σίτας** *Handle for hidden mosquito screen* **324gr/m**	
30-34	**Οδηγός ενσωματωμένης σίτας** *Runner for hidden mosquito screen* **522gr/m**	
30-35	**Καπάκι κάσας για ενσωματωμένη σίτα** *Cover for frame profile for hidden mosquito screen* **215gr/m**	
30-37	**Κουτί ενσωματωμένης σίτας** *Hidden mosquito screen box* **587gr/m**	
30-73	**Κατωκάσι ενσωματωμένης σίτας** *Sealing profile for hidden mosquito screen* **332gr/m**	

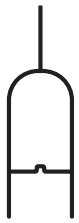
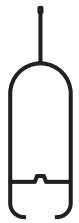
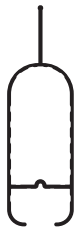
ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION	ΠΡΟΦΙΛ PROFILE
K1606	**Πηχάκι τζαμιού** *Glazing bead* **199gr/m**	
K1605	**Πηχάκι τζαμιού** *Glazing bead* **205gr/m**	
K1611	**Πηχάκι τζαμιού** *Glazing bead* **221gr/m**	
K1610	**Πηχάκι τζαμιού** *Glazing bead* **238gr/m**	
584	**Πηχάκι τζαμιού κουμπωτό. Συνεργάζεται με το προφίλ K1616** *Glazing bead clipped on. Fits with profile K1616* **195gr/m**	
K1613N	**Πηχάκι τζαμιού. Συνεργάζεται με τα προφίλ 1318, 1321, 1322 & 1332** *Glazing bead. Fits with profiles 1318, 1321, 1322 & 133* **268gr/m**	
K1603	**Πηχάκι τζαμιού** *Glazing bead* **247gr/m**	

ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION	ΠΡΟΦΙΛ PROFILE
K1609	**Πηχάκι τζαμιού** *Glazing bead* **276gr/m**	
K1602	**Πηχάκι τζαμιού** *Glazing bead* **268gr/m**	
K1608	**Πηχάκι τζαμιού** *Glazing bead* **283gr/m**	
585	**Πηχάκι τζαμιού κουμπωτό. Συνεργάζεται με το προφίλ K1616** *Glazing bead clipped on. Fits with profile K1616* **249gr/m**	
K1601	**Πηχάκι τζαμιού** *Glazing bead* **282gr/m**	
K1607	**Πηχάκι τζαμιού** *Glazing bead* **298gr/m**	
K1604	**Πηχάκι τζαμιού. Συνεργάζεται με το πηχάκι K1615** *Glazing bead. Fits with glazing bead K1615* **220gr/m**	

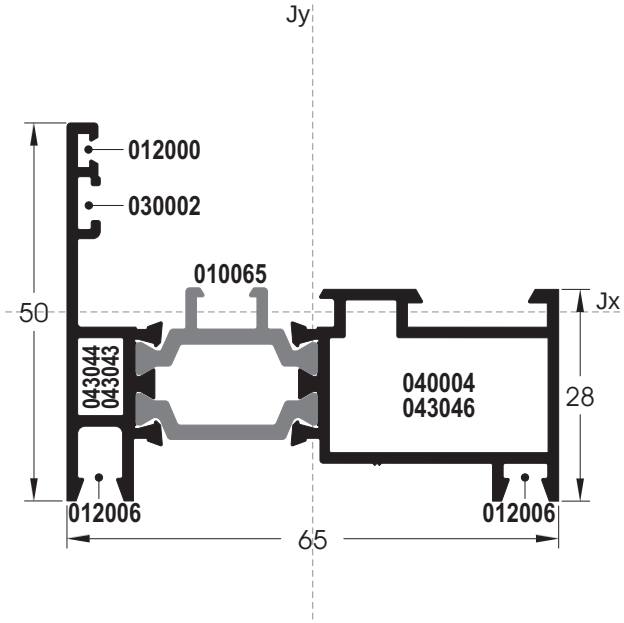
ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION	ΠΡΟΦΙΛ PROFILE
K1615	**Πηχάκι τζαμιού κουμπωτό. Συνεργάζεται με το πηχάκι K1604 & το εξάρτημα 991001** *Glazing bead clipped on. Fits with glazing bead K1604 & accessorie 991001* **168gr/m**	
521	**Πηχάκι τζαμιού. Συνεργάζεται με το πηχάκι 520** *Glazing bead. Fits with glazing bead 520* **249gr/m**	
520	**Πηχάκι τζαμιού κουμπωτό. Συνεργάζεται με το πηχάκι 521 & το προφίλ K1616** *Glazing bead clipped on. Fits with glazing bead 521 & profile K1616* **257gr/m**	
587	**Πηχάκι τζαμιού. Συνεργάζεται με το πηχάκι 583** *Glazing bead. Fits with glazing bead 583* **288gr/m**	
583	**Πηχάκι τζαμιού κουμπωτό. Συνεργάζεται με το πηχάκι 587 & το προφίλ K1616** *Glazing bead clipped on. Fits with glazing bead 587 & profile K1616* **319gr/m**	
905	**Πηχάκι τζαμιού. Συνεργάζεται με το πηχάκι 904** *Glazing bead. Fits with glazing bead 904* **301gr/m**	
904	**Πηχάκι τζαμιού κουμπωτό. Συνεργάζεται με το πηχάκι 905 & το προφίλ K1616** *Glazing bead clipped on. Fits with glazing bead 905 & profile K1616* **315gr/m**	

ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION	ΠΡΟΦΙΛ PROFILE
586	**Πηχάκι τζαμιού. Συνεργάζεται με το πηχάκι 582** *Glazing bead.* *Fits with glazing bead 582* **343gr/m**	
582	**Πηχάκι τζαμιού κουμπωτό. Συνεργάζεται με το πηχάκι 586 & το προφίλ K1616** *Glazing bead clipped on.* *Fits with glazing bead 586 & profile K1616* **368gr/m**	

ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION	ΠΡΟΦΙΛ PROFILE
1118	**Χώρισμα για πατζούρι** *Transom for shutter* **1082gr/m**	
Γ147Ν	**Ραμποτέ** *(στενό)* *Panel profile (narrow)* **870gr/m**	
Γ117	**Ραμποτέ** *(φαρδύ)* *Panel profile (wide)* **824gr/m**	

ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION	ΠΡΟΦΙΛ PROFILE
Γ116	**Περσίδα μονή** *Single louver profile* **476gr/m**	
Γ124	**Περσίδα μονή** *Single louver profile* **474gr/m**	
Γ176	**Περσίδα μονή** *Single louver profile* **436gr/m**	
Γ140	**Περσίδα μονή** *Single louver profile* **521gr/m**	
Γ180	**Περσίδα μονή** *Single louver profile* **442gr/m**	
Γ241	**Περσίδα διπλή** *Double louver profile* **649gr/m**	
Γ128	**Περσίδα τριπλή** *Triple louver profile* **850gr/m**	

ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION	ΠΡΟΦΙΛ PROFILE
Γ148	**Προφίλ για κινητή περσίδα** *Moving louver profile* **544gr/m**	
Γ149	**Τελείωμα για κινητή περσίδα** *Ending for moving louver* **446gr/m**	
Γ480	**Οβαλίνα για σταθερή περσίδα** *Oval profile for fixed louver* **405gr/m**	



ΕΥΑΙΕΓ ΟΓCODE	ΑΑΝΓ ΟΓWEIGHT
1304	1165gr/m

ΔΑΝΕΖΝΑΟΖ/DESCRIPTION

Κάσα για πόρτες - παράθυρα
Frame profile for doors - windows

Jx:4.9cm^4	Jy:22.3cm^4

ΕΡΓΑΛΕΙΟ ΧΤΥΠΗΜΑΤΟΣ PUNCH KNIFE	077065

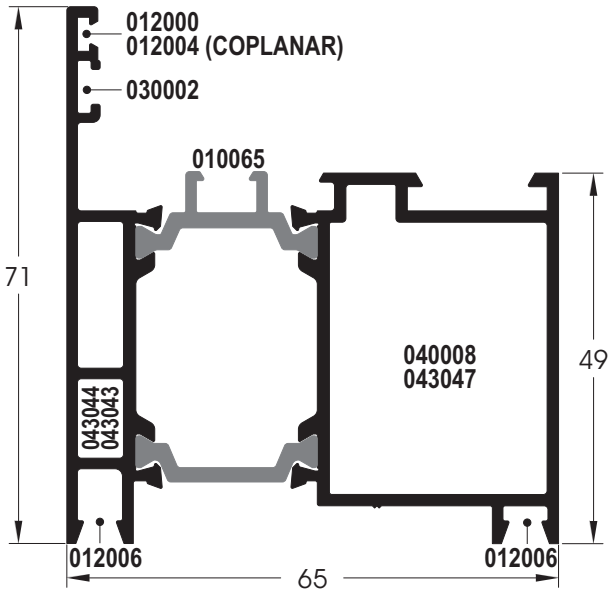
ΕΥΑΙΕΓ ΟΓCODE	ΑΑΝΓ ΟΓWEIGHT
1306	1588gr/m

ΔΑΝΕΖΝΑΟΖ/DESCRIPTION

Κάσα για πόρτες - παράθυρα
Frame profile for doors - windows

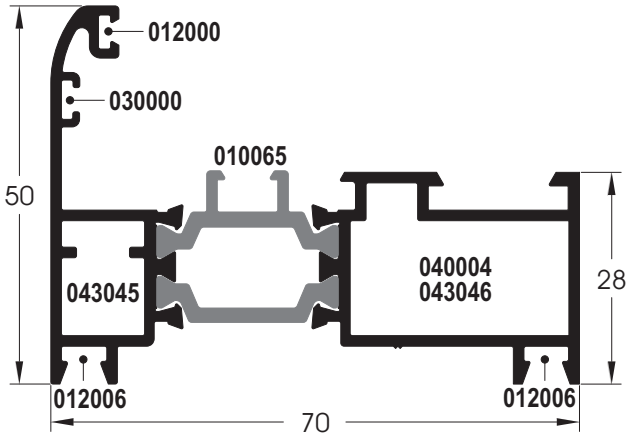
Jx:19.3cm^4	Jy:32cm^4

ΕΡΓΑΛΕΙΟ ΧΤΥΠΗΜΑΤΟΣ PUNCH KNIFE	077065



ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ CORNER CLEAT ΕΞΩΤΕΡΙΚΗ OUTER		ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)	ΕΣΩΤΕΡΙΚΗ INNER		ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)	ΓΩΝΙΑ ΕΠΙΠΕΔΟΤΗΤΑΣ ALIGNMENT CORNER	ΛΑΣΤΙΧΟ GASKET		ΚΕΝΤΡΙΚΟ ΛΑΣΤΙΧΟ CENTRAL GASKET	ΛΑΣΤΙΧΟ ΤΖΑΜΙΟΥ GLAZING GASKET ΑΙ ΟΓΑΝΕΙ /OUTER
1304	6000	043044	043043	5.5x10	040004	043046	28.7x14.8	030002	012000	012006	010065	
1306	6000	043044	043043	5.5x10	040008	043047	28.7x35.6	030002	012000	012006	010065	

ΚΑΣΕΣ - FRAME PROFILES



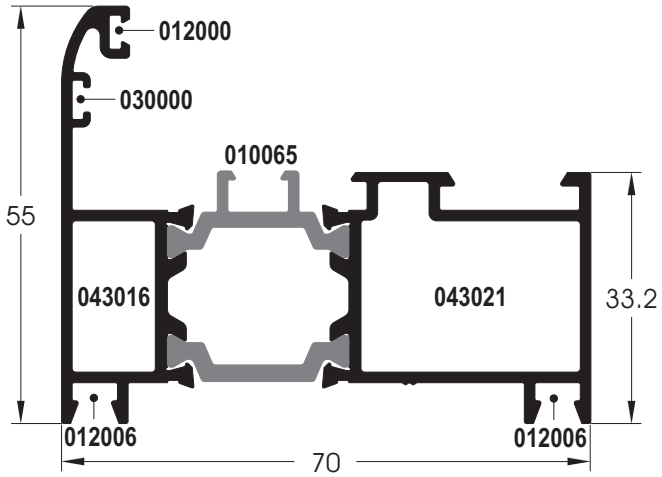
ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
1326	1240gr/m

ΔΑΝΕΝΑΟΣ/DESCRIPTION

Κάσα για πόρτες - παράθυρα
Frame profile for doors - windows

Jx:5.8cm^4	Jy:26.4cm^4

ΕΡΓΑΛΕΙΟ ΧΤΥΠΗΜΑΤΟΣ PUNCH KNIFE	077066



ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
1329	1338gr/m

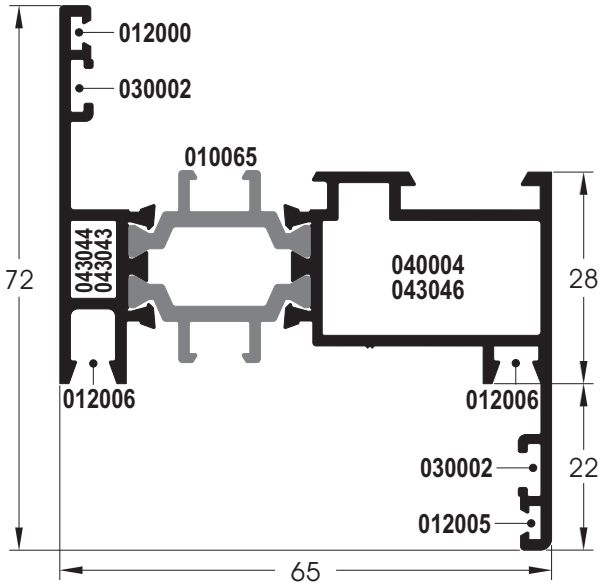
ΔΑΝΕΝΑΟΣ/DESCRIPTION

Κάσα για πόρτες - παράθυρα
Frame profile for doors - windows

Jx:9cm^4	Jy:28.6cm^4

ΕΡΓΑΛΕΙΟ ΧΤΥΠΗΜΑΤΟΣ PUNCH KNIFE	077066

ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ CORNER CLEAT					ΓΩΝΙΑ ΕΠΙΠΕΔΟΤΗΤΑΣ ALIGNMENT CORNER	ΛΑΣΤΙΧΟ GASKET		ΚΕΝΤΡΙΚΟ ΛΑΣΤΙΧΟ CENTRAL GASKET	ΛΑΣΤΙΧΟ ΤΖΑΜΙΟΥ GLAZING GASKET
		ΕΞΩΤΕΡΙΚΗ OUTER	ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)	ΕΣΩΤΕΡΙΚΗ INNER		ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)					ΑΙ ΟΔΗΓΕΙ / OUTER
1326	6000	043045	10.7x10	040004	043046	28.7x14.8	030000	012000	012006	010065	
1329	6000	043016	10.7x19.5	043021		28.7x19.5	030000	012000	012006	010065	



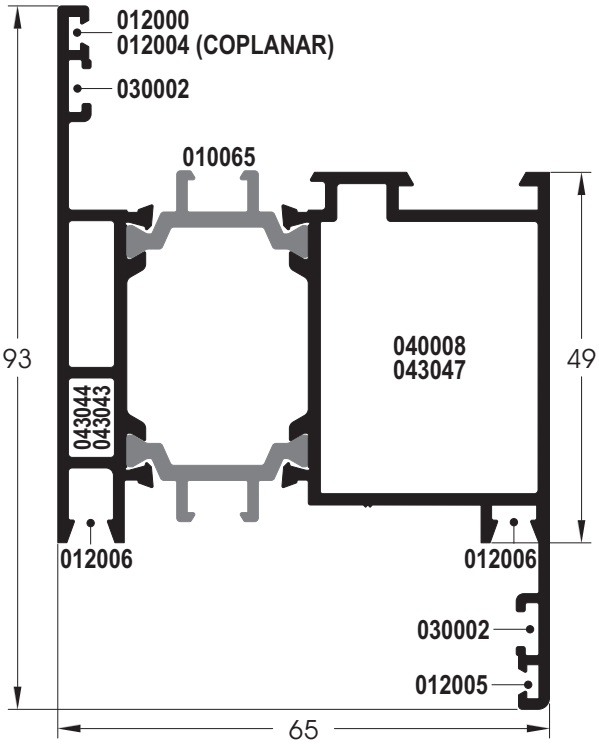
ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
1305	1315gr/m

ΔΑΝΕΝΑΟΟ/DESCRIPTION

Κάσα για πόρτες - παράθυρα
Frame profile for doors - windows

Jx:6.8cm^4	Jy:30.4cm^4

ΕΡΓΑΛΕΙΟ ΧΤΥΠΗΜΑΤΟΣ PUNCH KNIFE	077065



ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
1307	1740gr/m

ΔΑΝΕΝΑΟΟ/DESCRIPTION

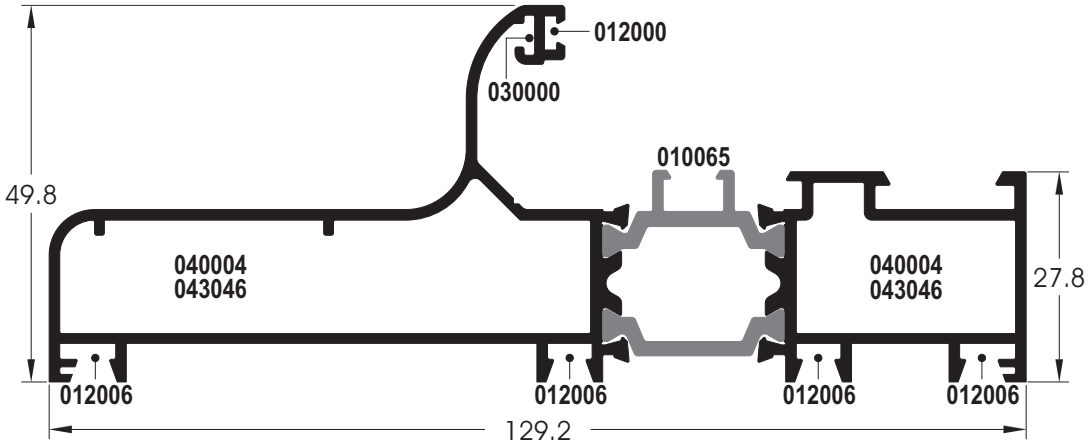
Κάσα για πόρτες - παράθυρα
Frame profile for doors - windows

Jx:21.8cm^4	Jy:43.5cm^4

ΕΡΓΑΛΕΙΟ ΧΤΥΠΗΜΑΤΟΣ PUNCH KNIFE	077065

ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ CORNER CLEAT						ΓΩΝΙΑ ΕΠΙΠΕΔΟΤΗΤΑΣ ALIGNMENT CORNER	ΛΑΣΤΙΧΟ GASKET			ΚΕΝΤΡΙΚΟ ΛΑΣΤΙΧΟ CENTRAL GASKET
		ΕΞΩΤΕΡΙΚΗ OUTER		ΑΙΕΑΟΟΑΟΑΙΕΙ DIMENSIONS(mm)	ΕΣΩΤΕΡΙΚΗ INNER		ΑΙΕΑΟΟΑΟΑΙΕΙ DIMENSIONS(mm)					
1305	6000	043044	043043	5.5x10	040004	043046	28.7x14.8	030002	012000	012006	012005	010065
1307	6000	043044	043043	5.5x10	040008	043047	28.7x35.6	030002	012000	012006	012005	010065

ΚΑΣΕΣ - FRAME PROFILES



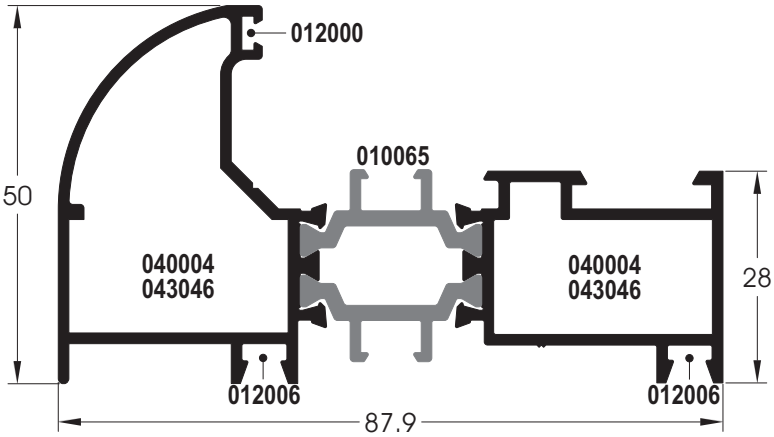
ΕΥΔΕΙ CODE	ΒΑΡΟΣ WEIGHT
1337	1791gr/m

ΠΕΡΙΓΡΑΦΗ/DESCRIPTION

Κάσα για τζάμι - σίτα
Frame profile
for glass - mosquito screen

Jx:9.5cm^4	Jy:94.5cm^4

ΕΡΓΑΛΕΙΟ ΧΤΥΠΗΜΑΤΟΣ PUNCH KNIFE	077066



ΕΥΔΕΙ CODE	ΒΑΡΟΣ WEIGHT
1316	1431gr/m

ΠΕΡΙΓΡΑΦΗ/DESCRIPTION

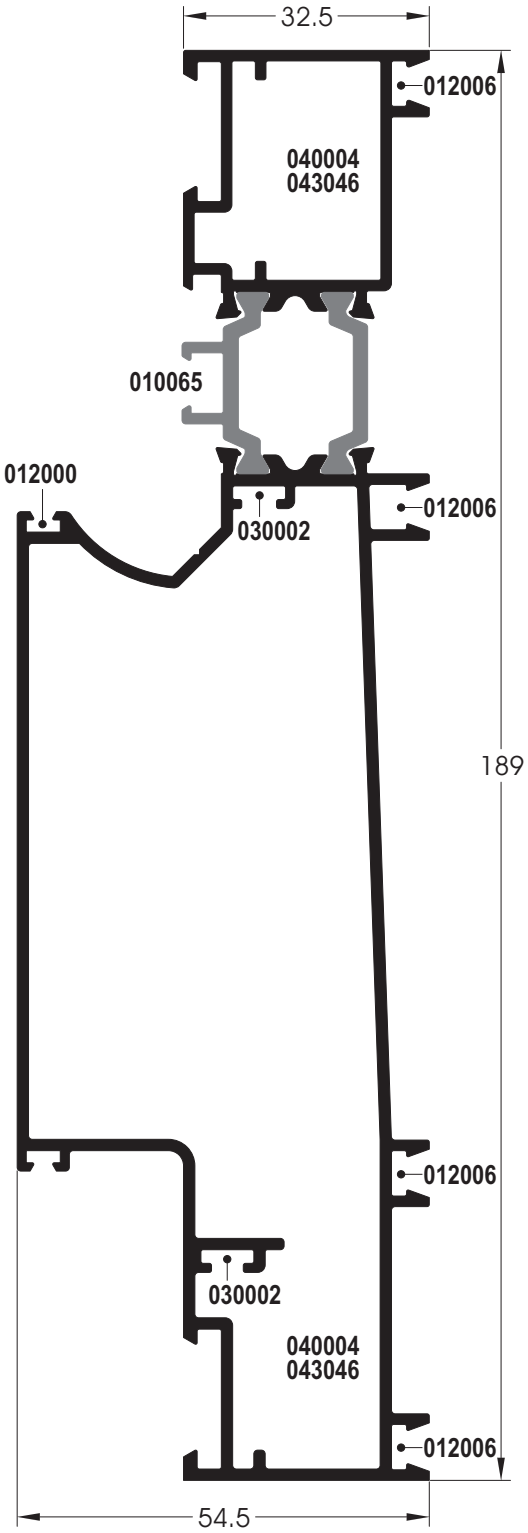
Κάσα για κύρια είσοδο
Frame profile for entrance door

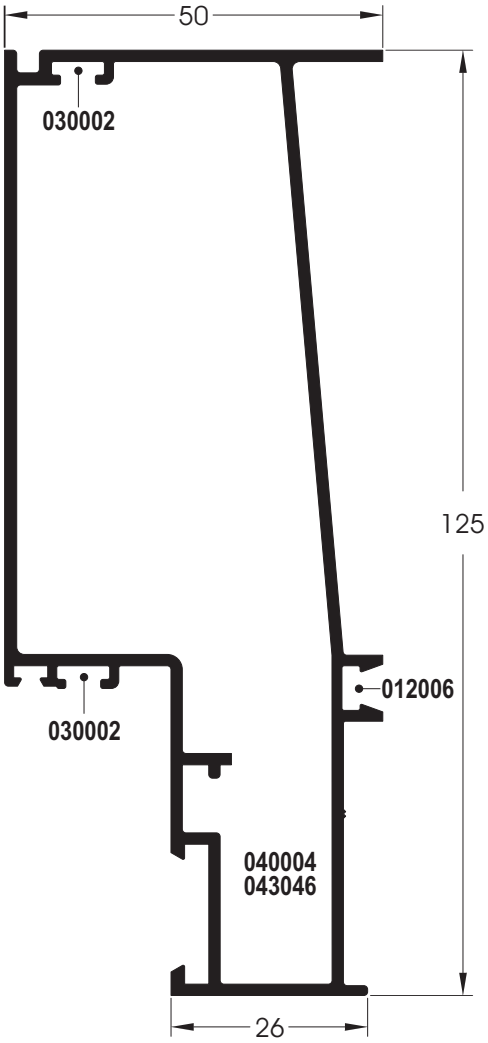
Jx:8.1cm^4	Jy:39.4cm^4

ΕΡΓΑΛΕΙΟ ΧΤΥΠΗΜΑΤΟΣ PUNCH KNIFE	077066

ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ CORNER CLEAT						ΓΩΝΙΑ ΕΠΙΠΕΔΟΤΗΤΑΣ ALIGNMENT CORNER	ΛΑΣΤΙΧΟ GASKET		ΚΕΝΤΡΙΚΟ ΛΑΣΤΙΧΟ CENTRAL GASKET	ΛΑΣΤΙΧΟ ΤΖΑΜΙΟΥ GLAZING GASKET ΑΙ ΩΑΜΕΙ ΙΟΥΤΕΡ
		ΕΞΩΤΕΡΙΚΗ OUTER		ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)	ΕΣΩΤΕΡΙΚΗ INNER		ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)					
1337	6000	040004	043046	28.7x14.8	040004	043046	28.7x14.8	030000	012000	012006	010065	
1316	6000	040004	043046	28.7x14.8	040004	043046	28.7x14.8		012000	012006	010065	

ΚΑΣΕΣ - FRAME PROFILES





ΕΥΑΙΕΪ Ó'CODE	ΑΑΝΪ Ó'WEIGHT
1325	2671gr/m

ΔΑΝΕΝΑÓÇ/DESCRIPTION

Ενιαία κάσα
One block frame profile

Jx:362cm^4 Jy:28.3cm^4

ΕΡΓΑΛΕΙΟ ΧΤΥΠΗΜΑΤΟΣ PUNCH KNIFE	077066

ΕΥΑΙΕΪ Ó'CODE	ΑΑΝΪ Ó'WEIGHT
1126	1592gr/m

ΔΑΝΕΝΑÓÇ/DESCRIPTION

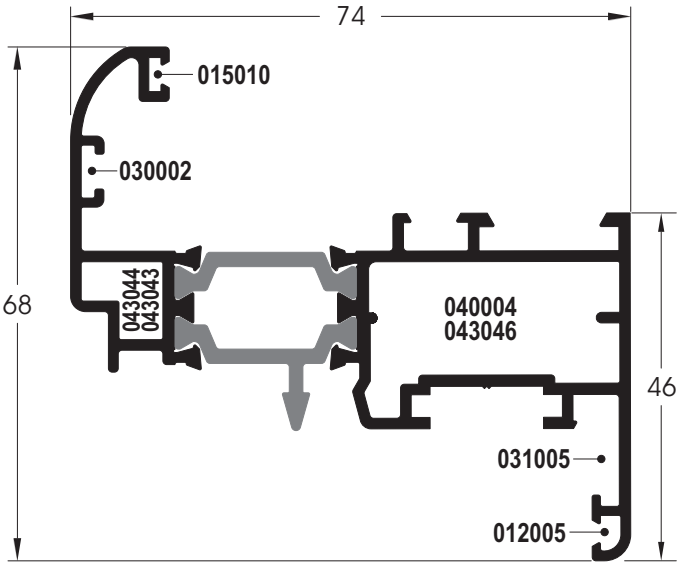
Πρόσθετη κάσα πατζουριού
Additional frame profile for shutter

Jx:15.8cm^4 Jy:101.8cm^4

ΕΡΓΑΛΕΙΟ ΧΤΥΠΗΜΑΤΟΣ PUNCH KNIFE	077066

ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ CORNER CLEAT ΕΞΩΤΕΡΙΚΗ OUTER		ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)	ΕΣΩΤΕΡΙΚΗ INNER		ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)	ΓΩΝΙΑ ΕΠΙΠΕΔΟΤΗΤΑΣ ALIGNMENT CORNER	ΛΑΣΤΙΧΟ GASKET		ΚΕΝΤΡΙΚΟ ΛΑΣΤΙΧΟ CENTRAL GASKET	ΛΑΣΤΙΧΟ ΤΖΑΜΙΟΥ GLAZING GASKET ΑΙ ΓΩΝΙΕΪ / OUTER
1325	6000	040004	043046	28.7x14.8	040004	043046	28.7x14.8	030002	012000	012006	010065	
1126	6000	040004	043046	28.7x14.8				030002	012006			

ΦΥΛΛΑ - SASH PROFILES



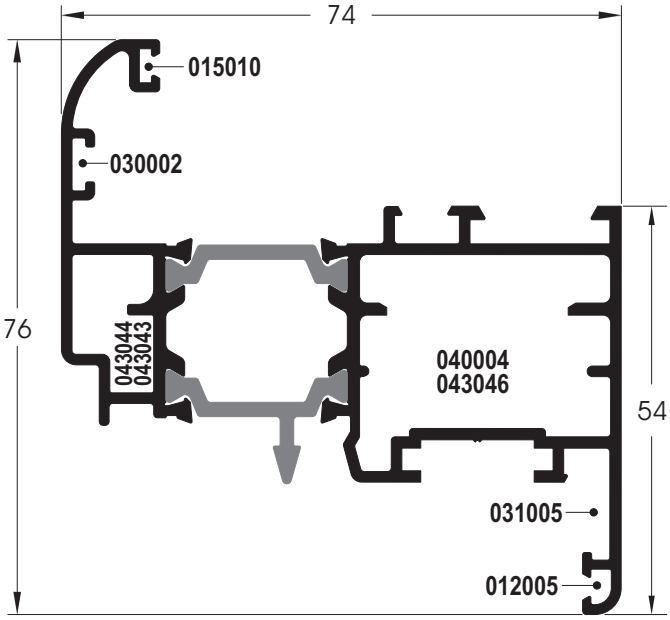
ΕΥΔΕΙ ΟCODE	ΑΔΝΙ ΟWEIGHT
1301	1403gr/m

ΔΑΝΕΝΑΟÇ/DESCRIPTION

Φύλλο για πόρτες-παράθυρα
Sash profile for doors-windows

Jx:6.6cm^4	Jy:37.3cm^4

ΕΡΓΑΛΕΙΟ ΧΤΥΠΗΜΑΤΟΣ PUNCH KNIFE	077065



ΕΥΔΕΙ ΟCODE	ΑΔΝΙ ΟWEIGHT
1327	1606gr/m

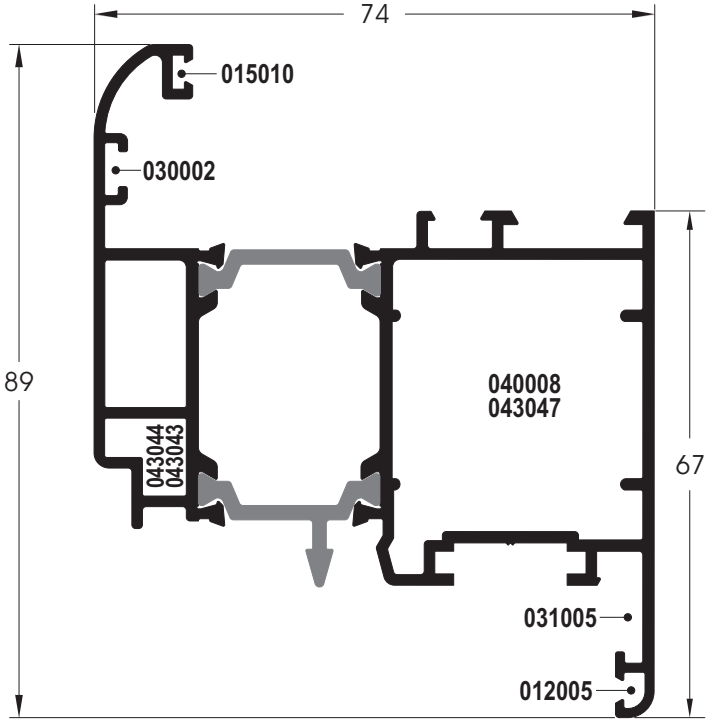
ΔΑΝΕΝΑΟÇ/DESCRIPTION

Φύλλο για πόρτες-παράθυρα
Sash profile for doors-windows

Jx:11.2cm^4	Jy:43.4cm^4

ΕΡΓΑΛΕΙΟ ΧΤΥΠΗΜΑΤΟΣ PUNCH KNIFE	077065

ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ CORNER CLEAT						ΓΩΝΙΑ ΕΠΙΠΕΔΟΤΗΤΑΣ ALIGNMENT CORNER		ΛΑΣΤΙΧΟ GASKET	ΚΕΝΤΡΙΚΟ ΛΑΣΤΙΧΟ CENTRAL GASKET	ΛΑΣΤΙΧΟ ΤΖΑΜΙΟΥ GLAZING GASKET
		ΕΞΩΤΕΡΙΚΗ OUTER		ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)	ΕΣΩΤΕΡΙΚΗ INNER		ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)					ΑΠ ΟΔΗΓΕΙ / OUTER
1301	6000	043044	043043	5.5x10	040004	043046	28.7x14.8	030002	031005	012005		015010
1327	6000	043044	043043	5.5x10	040004	043046	28.7x14.8	030002	031005	012005		015010



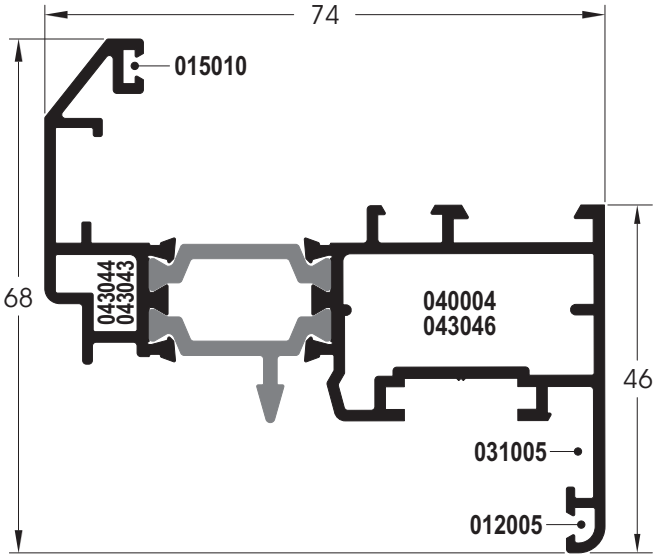
ΕΥΔΕΙΕ CODE	ΒΑΝΙ WEIGHT
1302	1837gr/m

ΠΕΡΙΓΡΑΦΗ/DESCRIPTION

Φύλλο για πόρτες-παράθυρα
Sash profile for doors-windows

Jx:22.1cm^4	Jy:53.6cm^4

ΕΡΓΑΛΕΙΟ ΧΤΥΠΗΜΑΤΟΣ PUNCH KNIFE	077065



ΕΥΔΕΙΕ CODE	ΒΑΝΙ WEIGHT
1335	1411gr/m

ΠΕΡΙΓΡΑΦΗ/DESCRIPTION

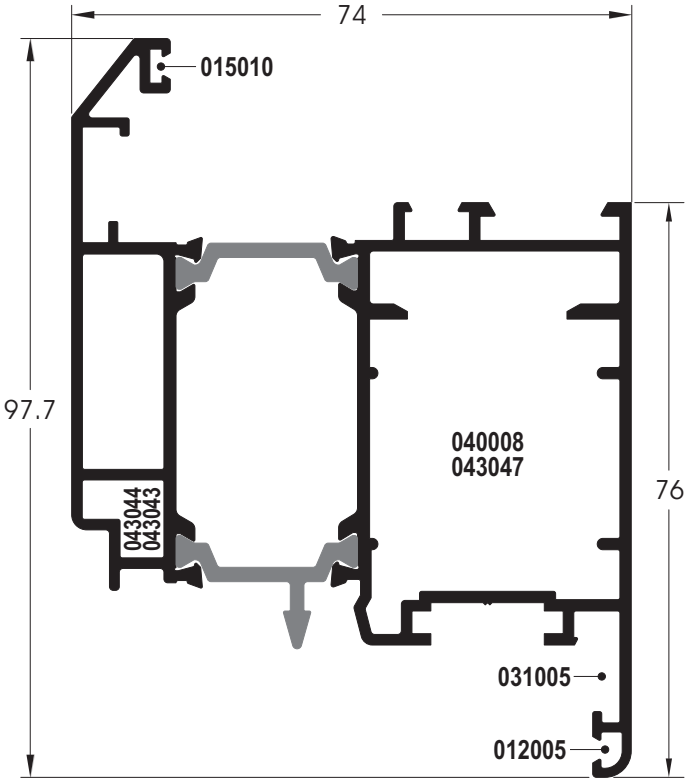
Φύλλο για πόρτες-παράθυρα
Sash profile for doors-windows

Jx:6.6cm^4	Jy:37.3cm^4

ΕΡΓΑΛΕΙΟ ΧΤΥΠΗΜΑΤΟΣ PUNCH KNIFE	077065

ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ CORNER CLEAT						ΓΩΝΙΑ ΕΠΙΠΕΔΟΤΗΤΑΣ ALIGNMENT CORNER		ΛΑΣΤΙΧΟ GASKET	ΚΕΝΤΡΙΚΟ ΛΑΣΤΙΧΟ CENTRAL GASKET	ΛΑΣΤΙΧΟ ΤΖΑΜΙΟΥ GLAZING GASKET
		ΕΞΩΤΕΡΙΚΗ OUTER		ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)	ΕΣΩΤΕΡΙΚΗ INNER		ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)					ΑΠΟΣΤΑΣΗ ΕΞΩΤΕΡΙΚΟΥ OUTER
1302	6000	043044	043043	5.5x10	040008	043047	28.7x35.6	030002	031005	012005		015010
1335	6000	043044	043043	5.5x10	040004	043046	28.7x14.8	031005		012005		015010

ΦΥΛΛΑ - SASH PROFILES



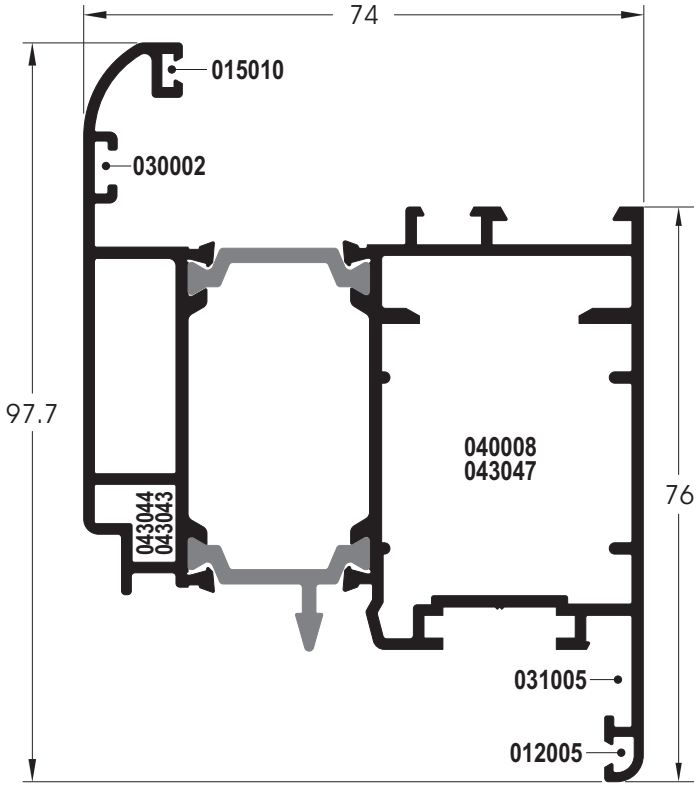
ΕΥΑΙΕΙ ΟΓCODE	ΑΑΝΙ ΟΓWEIGHT
1334	2049gr/m

ΔΑΝΕΖΝΑΟΖ/DESCRIPTION

Φύλλο για κύρια είσοδο
Sash profile for entrance door

Jx:32.4cm^4	Jy:62.4cm^4

ΕΡΓΑΛΕΙΟ ΧΤΥΠΗΜΑΤΟΣ PUNCH KNIFE	077065



ΕΥΑΙΕΙ ΟΓCODE	ΑΑΝΙ ΟΓWEIGHT
1317	2045gr/m

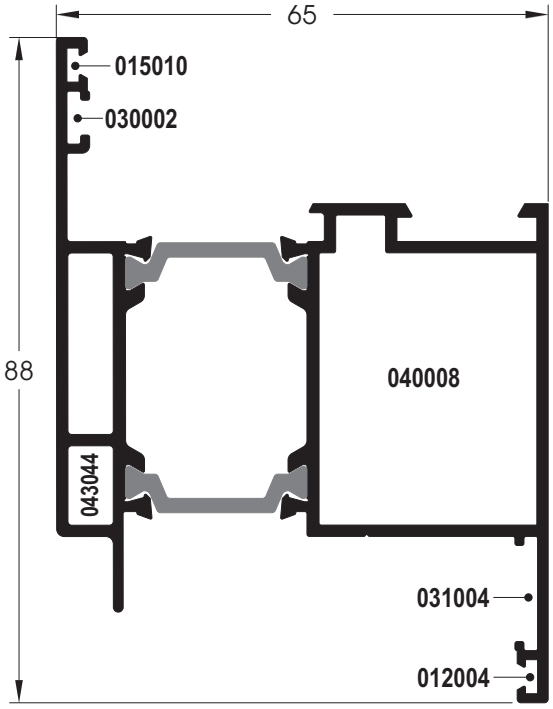
ΔΑΝΕΖΝΑΟΖ/DESCRIPTION

Φύλλο για κύρια είσοδο
Sash profile for entrance door

Jx:32.4cm^4	Jy:62.2cm^4

ΕΡΓΑΛΕΙΟ ΧΤΥΠΗΜΑΤΟΣ PUNCH KNIFE	077065

ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ CORNER CLEAT						ΓΩΝΙΑ ΕΠΙΠΕΔΟΤΗΤΑΣ ALIGNMENT CORNER		ΛΑΣΤΙΧΟ GASKET	ΚΕΝΤΡΙΚΟ ΛΑΣΤΙΧΟ CENTRAL GASKET	ΛΑΣΤΙΧΟ ΤΖΑΜΙΟΥ GLAZING GASKET
		ΕΞΩΤΕΡΙΚΗ OUTER		ΑΙΕΛΟΟΑΟΛΙΕΟ DIMENSIONS(mm)	ΕΣΩΤΕΡΙΚΗ INNER		ΑΙΕΛΟΟΑΟΛΙΕΟ DIMENSIONS(mm)					ΑΙ ΙΟΑΛΙΕΙ / OUTER
1334	6000	043044	043043	5.5x10	040008	043047	28.7x35.6	031005		012005		015010
1317	6000	043044	043043	5.5x10	040008	043047	28.7x35.6	030002	031005	012005		015010



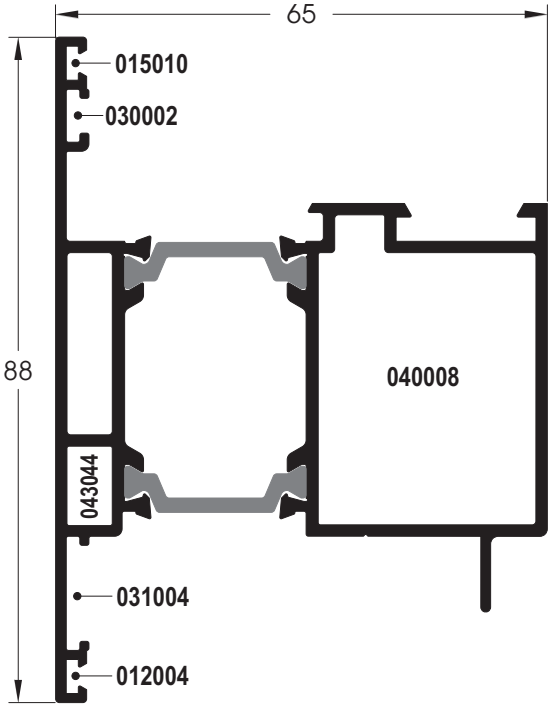
ΕΥΑΙΕΙ ΟΓCODE	ΑΑΝΙ ΟΓWEIGHT
1314	1633gr/m

ΔΑΝΕΕΝΑΟΓ/DESCRIPTION

Φύλλο για πόρτες
Sash profile for doors

COPLANAR

Jx:20.2cm^4	Jy:38.2cm^4



ΕΥΑΙΕΙ ΟΓCODE	ΑΑΝΙ ΟΓWEIGHT
1315	1632gr/m

ΔΑΝΕΕΝΑΟΓ/DESCRIPTION

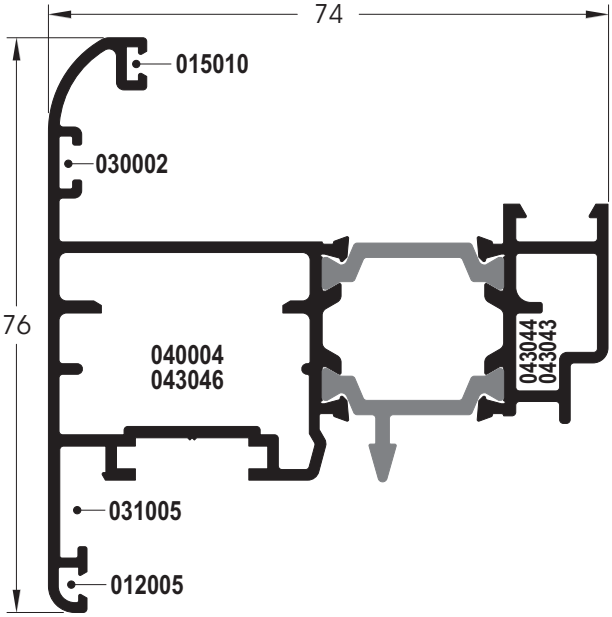
Φύλλο για πόρτες
Sash profile for doors

COPLANAR

Jx:24.2cm^4	Jy:31.9cm^4

ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ CORNER CLEAT				ΓΩΝΙΑ ΕΠΙΠΕΔΟΤΗΤΑΣ ALIGNMENT CORNER		ΛΑΣΤΙΧΟ GASKET	ΚΕΝΤΡΙΚΟ ΛΑΣΤΙΧΟ CENTRAL GASKET	ΛΑΣΤΙΧΟ ΤΖΑΜΙΟΥ GLAZING GASKET
		ΕΞΩΤΕΡΙΚΗ OUTER	ΑΙΜΟΟΑΟΑΙΕΙ DIMENSIONS(mm)	ΕΣΩΤΕΡΙΚΗ INNER	ΑΙΜΟΟΑΟΑΙΕΙ DIMENSIONS(mm)					ΑΙ ΙΟΑΝΕΙ /OUTER
1314	6000	043044	5.5x10	040008	28x34.5	030002	031004	012004		015010
1315	6000	043044	5.5x10	040008	28x34.5	030002	031004	012004		015010

ΦΥΛΛΑ - SASH PROFILES



ΕΥΑΙΕΙ CODE **1332** ΑΑΝΙ WEIGHT 1578gr/m

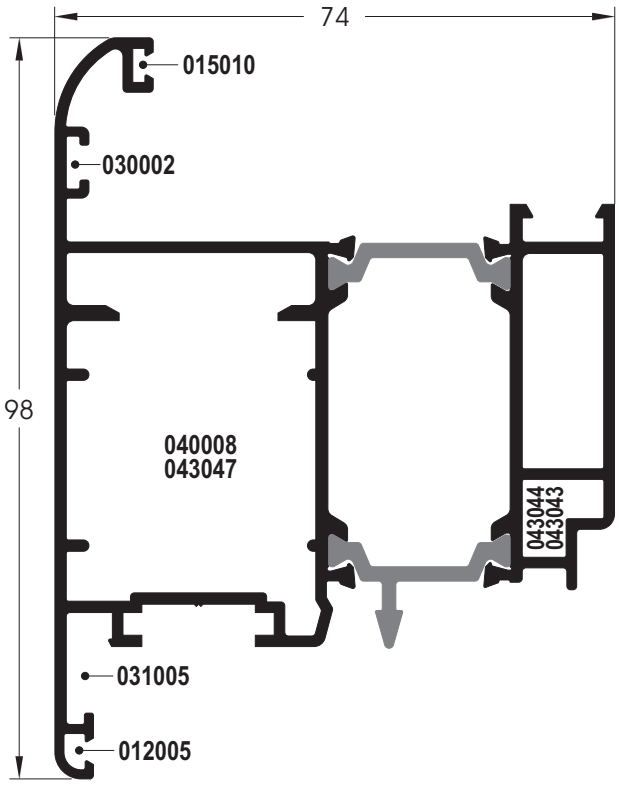
ΔΑΝΕΝΑΟΣ/DESCRIPTION

Φύλλο για εξωτερικά ανοιγόμενα. Συνεργάζεται με το πηχάκι K1613N

Sash profile for external opening. Fits with glazing bead K1613N

Jx:15.3cm^4	Jy:38.6cm^4

ΕΡΓΑΛΕΙΟ ΧΤΥΠΗΜΑΤΟΣ PUNCH KNIFE	077065



ΕΥΑΙΕΙ CODE **1318** ΑΑΝΙ WEIGHT 2020gr/m

ΔΑΝΕΝΑΟΣ/DESCRIPTION

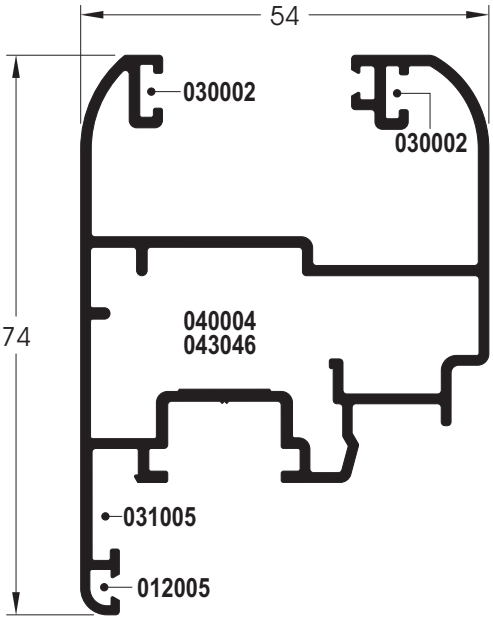
Φύλλο για κύρια είσοδο εξωτερικά ανοιγόμενη. Συνεργάζεται με το πηχάκι K1613N

Sash profile for external opening entrance door. Fits with glazing bead K1613N

Jx:42.4cm^4	Jy:51.9cm^4

ΕΡΓΑΛΕΙΟ ΧΤΥΠΗΜΑΤΟΣ PUNCH KNIFE	077065

ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ CORNER CLEAT						ΓΩΝΙΑ ΕΠΙΠΕΔΟΤΗΤΑΣ ALIGNMENT CORNER		ΛΑΣΤΙΧΟ GASKET	ΚΕΝΤΡΙΚΟ ΛΑΣΤΙΧΟ CENTRAL GASKET	ΛΑΣΤΙΧΟ ΤΖΑΜΙΟΥ GLAZING GASKET
		ΕΞΩΤΕΡΙΚΗ OUTER		ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)	ΕΣΩΤΕΡΙΚΗ INNER		ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)					ΑΠΟΚΟΠΗ / OUTER
1332	6000	040004	043046	28.7x14.8	043044	043043	5.5x10	030002	031005	012005		015010
1318	6000	040008	043047	28.7x35.6	043044	043043	5.5x10	030002	031005	012005		015010



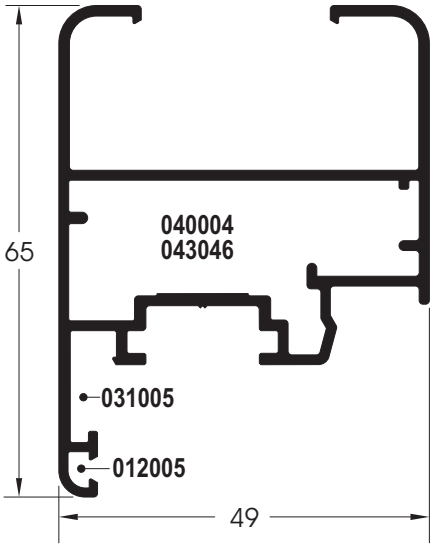
ΕΥΑΙΕΙ ΟΓCODE **1117** ΑΑΝΙ ΟΓWEIGHT 1241gr/m

ΔΑΝΕΝΑΟΓ/DESCRIPTION

Φύλλο για κινητή περσίδα
Sash profile for moving louver

Jx:12.9cm^4 Jy:21.6cm^4

ΕΡΓΑΛΕΙΟ ΧΤΥΠΗΜΑΤΟΣ PUNCH KNIFE	077046



ΕΥΑΙΕΙ ΟΓCODE **1128** ΑΑΝΙ ΟΓWEIGHT 981gr/m

ΔΑΝΕΝΑΟΓ/DESCRIPTION

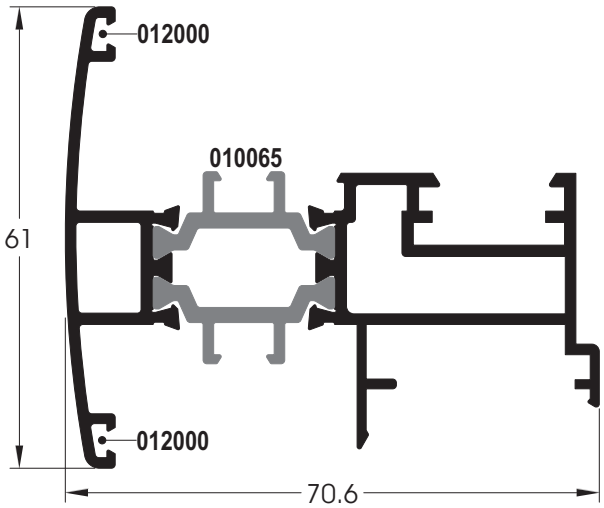
Φύλλο για πατζούρι *(ελαφρύ)*
Sash profile for shutter (light)

Jx:7.8cm^4 Jy:14cm^4

ΕΡΓΑΛΕΙΟ ΧΤΥΠΗΜΑΤΟΣ PUNCH KNIFE	077046

ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ CORNER CLEAT ΕΞΩΤΕΡΙΚΗ OUTER		ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)	ΕΣΩΤΕΡΙΚΗ INNER		ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)	ΓΩΝΙΑ ΕΠΙΠΕΔΟΤΗΤΑΣ ALIGNMENT CORNER		ΛΑΣΤΙΧΟ GASKET	ΚΕΝΤΡΙΚΟ ΛΑΣΤΙΧΟ CENTRAL GASKET	ΛΑΣΤΙΧΟ ΤΖΑΜΙΟΥ GLAZING GASKET ΑΙΛΟΟΑΜΕΙ /OUTER
1117	6000	040004	043046	28.7x14.8				030002	031005	012005		
1128	6000	040004	043046	28.7x14.8				031005		012005		

ΜΠΙΝΙ - CLIPS ON CENTRAL



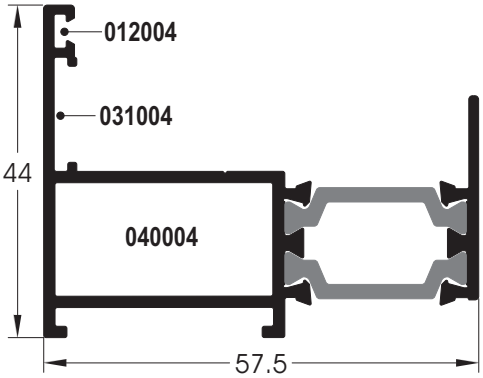
ΕΥΑΙΕΙ Ο/CODE	ΑΑΝΙ Ο/WEIGHT
1303	1332gr/m

ΔΑΝΕΙΑΝΑΟΣ/DESCRIPTION

Μπινί φύλλου για τζάμι
Clip on central profile for glass sash

Jx:6.7cm^4	Jy:26cm^4

ΤΑΠΑ PLASTIC COVER	020065



ΕΥΑΙΕΙ Ο/CODE	ΑΑΝΙ Ο/WEIGHT
1313	922gr/m

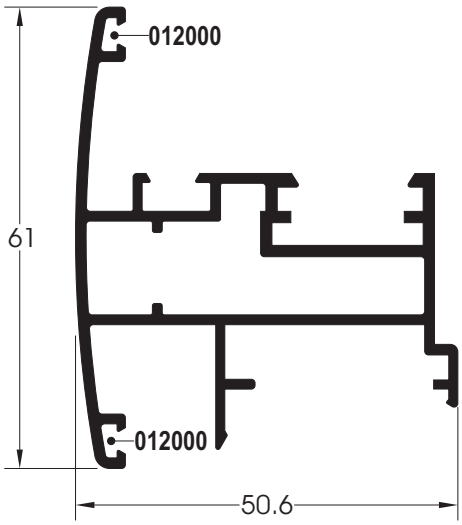
ΔΑΝΕΙΑΝΑΟΣ/DESCRIPTION

Μπινί για πόρτες
Clip on central profile for doors

COPLANAR

Jx:3.3cm^4	Jy:16.2cm^4

ΤΑΠΑ PLASTIC COVER	020456



ΕΥΑΙΕΙ Ο/CODE	ΑΑΝΙ Ο/WEIGHT
1103	936gr/m

ΔΑΝΕΙΑΝΑΟΣ/DESCRIPTION

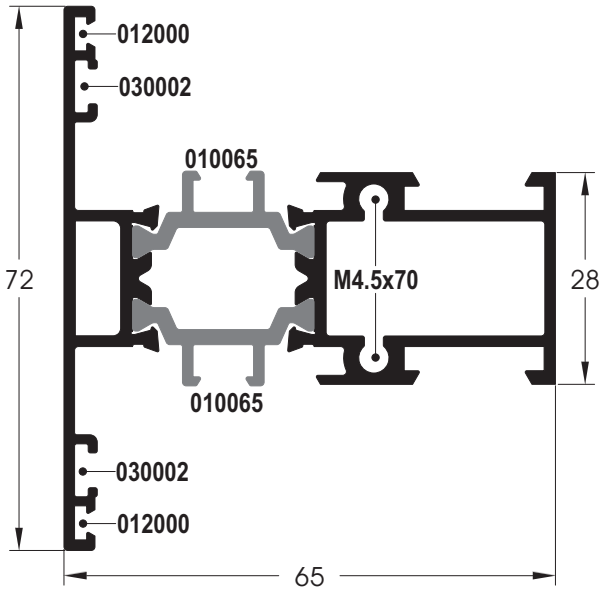
Μπινί φύλλου για πατζούρι
Clip on central profile for shutter sash

Jx:5.7cm^4	Jy:10.2cm^4

ΤΑΠΑ PLASTIC COVER	020045

ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ CORNER CLEAT ΕΞΩΤΕΡΙΚΗ OUTER		ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)	ΕΣΩΤΕΡΙΚΗ INNER		ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)	ΓΩΝΙΑ ΕΠΙΠΕΔΟΤΗΤΑΣ ALIGNMENT CORNER	ΛΑΣΤΙΧΟ GASKET	ΚΕΝΤΡΙΚΟ ΛΑΣΤΙΧΟ CENTRAL GASKET	ΛΑΣΤΙΧΟ ΤΖΑΜΙΟΥ GLAZING GASKET ΑΙ ΟΔΗΓΕΙ /OUTER
1303	6000								012000	010065	
1313	6000	040004		28.5x14.5				031004	012004		
1103	6000								012000	010045	

ΧΩΡΙΣΜΑΤΑ ΤΑΥ - T SHAPE TRANSOMS



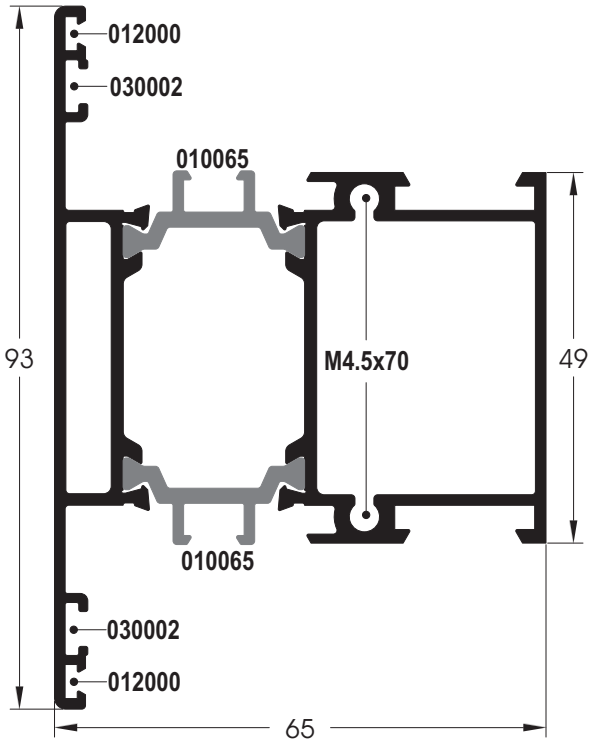
ΚΩΔΙΚΟΣ CODE	ΒΑΡΟΣ WEIGHT
1308	1424gr/m

ΠΕΡΙΓΡΑΦΗ/DESCRIPTION

Χώρισμα Ταυ
T shape transom

Jx:10.3cm^4 Jy:25.1cm^4

ΜΕ ΠΡΟΦΙΛ WITH PROFILE	ΚΟΠΤΙΚΟ ΜΟΡΦΟΠΟΙΗΣΗΣ CUTTING TOOL
ΦΥΛΛΑ ΓΙΑ ΕΣΩΤΕΡΙΚΑ ΑΝΟΙΓΟΜΕΝΑ INTERNAL OPENING SASHES	*075066*
ΟΛΕΣ ΤΙΣ ΚΑΣΕΣ ALL FRAMES	*075065*



ΚΩΔΙΚΟΣ CODE	ΒΑΡΟΣ WEIGHT
1309	1772gr/m

ΠΕΡΙΓΡΑΦΗ/DESCRIPTION

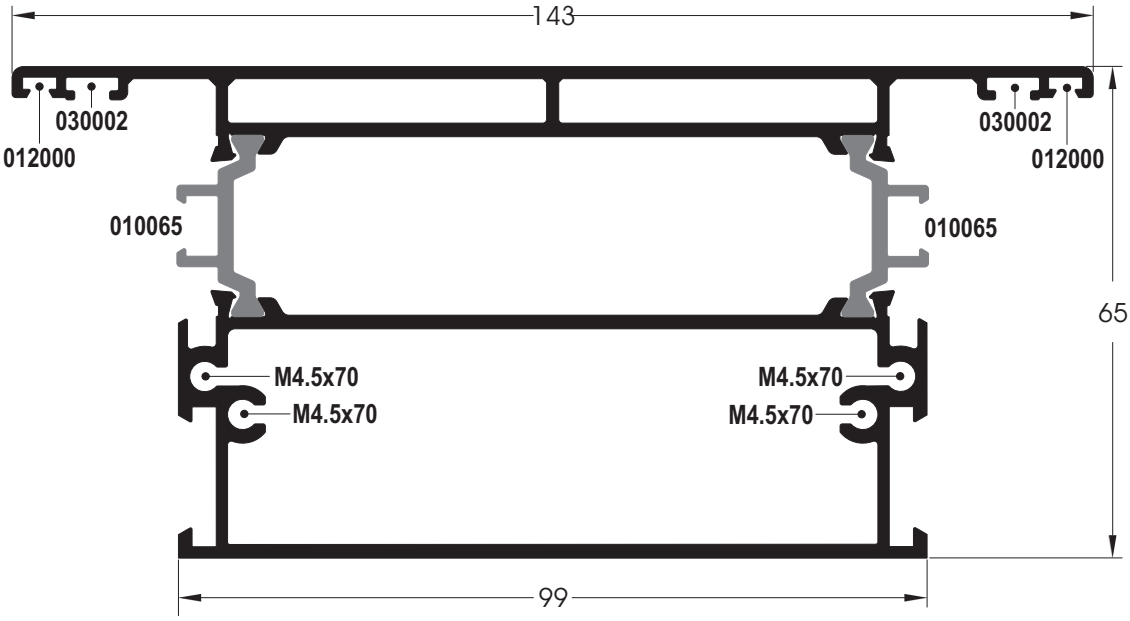
Χώρισμα Ταυ
T shape transom

Jx:30.8cm^4 Jy:32.7cm^4

ΜΕ ΠΡΟΦΙΛ WITH PROFILE	ΚΟΠΤΙΚΟ ΜΟΡΦΟΠΟΙΗΣΗΣ CUTTING TOOL
ΦΥΛΛΑ ΓΙΑ ΕΣΩΤΕΡΙΚΑ ΑΝΟΙΓΟΜΕΝΑ INTERNAL OPENING SASHES	*075066*
ΟΛΕΣ ΤΙΣ ΚΑΣΕΣ ALL FRAMES	*075065*

ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ CORNER CLEAT ΕΞΩΤΕΡΙΚΗ OUTER	ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)		ΕΣΩΤΕΡΙΚΗ INNER	ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)		ΓΩΝΙΑ ΕΠΙΠΕΔΟΤΗΤΑΣ ALIGNMENT CORNER	ΛΑΣΤΙΧΟ GASKET	ΚΕΝΤΡΙΚΟ ΛΑΣΤΙΧΟ CENTRAL GASKET	ΛΑΣΤΙΧΟ ΤΖΑΜΙΟΥ GLAZING GASKET ΑΙΛΟΟΑΛΕΙΟ/OUTER
1308	6000							030002	012000	010065	
1309	6000							030002	012000	010065	

ΧΩΡΙΣΜΑΤΑ ΤΑΥ - T SHAPE TRANSOMS



ΕΥΑΙΕΙ ΟCODE	ΑΑΝΙ ΟWEIGHT
1310	2957gr/m

ΔΑΝΕΑΝΑΟÇ/DESCRIPTION

Χώρισμα Ταυ - Ταμπλάς

T shape transom - Transom profile

Jx:59.5cm^4	Jy:163.8cm^4

ΜΕ ΠΡΟΦΙΛ WITH PROFILE	ΚΟΠΤΙΚΟ ΜΟΡΦΟΠΟΙΗΣΗΣ CUTTING TOOL
ΦΥΛΛΑ ΓΙΑ ΕΣΩΤΕΡΙΚΑ ΑΝΟΙΓΟΜΕΝΑ INTERNAL OPENING SASHES	*075066*
ΟΛΕΣ ΤΙΣ ΚΑΣΕΣ ALL FRAMES	*075065*

ΕΥΑΙΕΙ ΟCODE	ΑΑΝΙ ΟWEIGHT
1321	1447gr/m

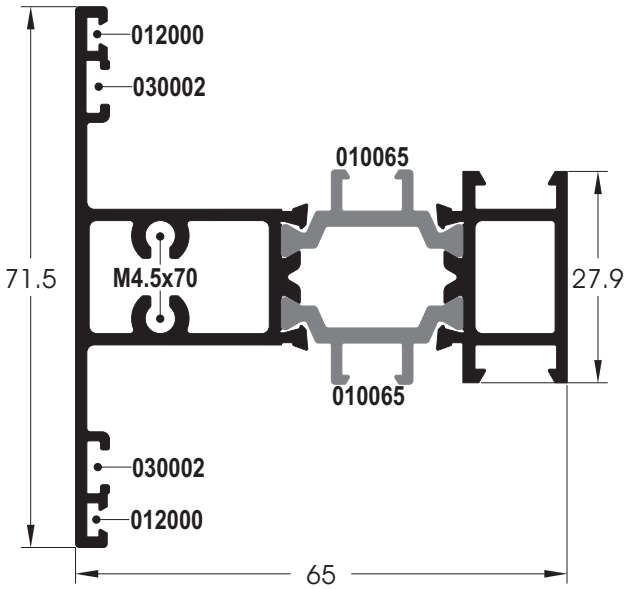
ΔΑΝΕΑΝΑΟÇ/DESCRIPTION

Χώρισμα Ταυ για εξωτερικά ανοιγόμενα. Συνεργάζεται με το πηχάκι K1613N

T shape transom for external opening. Fits with glazing bead K1613N

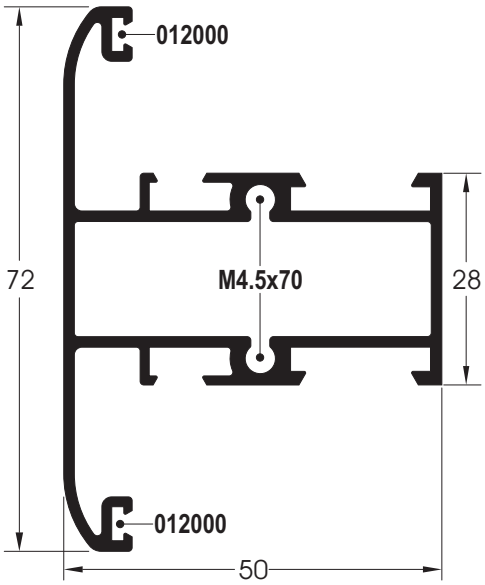
Jx:9.7cm^4	Jy:28.7cm^4

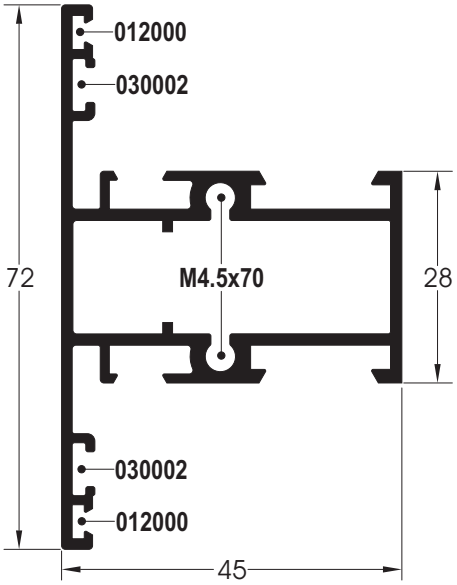
ΜΕ ΠΡΟΦΙΛ WITH PROFILE	ΚΟΠΤΙΚΟ ΜΟΡΦΟΠΟΙΗΣΗΣ CUTTING TOOL
ΦΥΛΛΑ / SASHES 1318 & 1332	*075067*



ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ CORNER CLEAT ΕΞΩΤΕΡΙΚΗ OUTER	ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)		ΕΣΩΤΕΡΙΚΗ INNER	ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)		ΓΩΝΙΑ ΕΠΙΠΕΔΟΤΗΤΑΣ ALIGNMENT CORNER	ΛΑΣΤΙΧΟ GASKET	ΚΕΝΤΡΙΚΟ ΛΑΣΤΙΧΟ CENTRAL GASKET	ΛΑΣΤΙΧΟ ΤΖΑΜΙΟΥ GLAZING GASKET ΑΠ ΟΔΑΜΕΙ / OUTER
1310	6000							030002	012000	010065	
1321	6000							030002	012000	010065	

ΧΩΡΙΣΜΑΤΑ ΤΑΥ - T SHAPE TRANSOMS





ΕΥΑΙΕΙ CODE	ΑΑΝΙ WEIGHT
1134	1072gr/m

ΔΑΝΕΝΑΟΓ/DESCRIPTION

Χώρισμα Ταυ για πατζούρια
T shape transom for shutters

Jx:11cm^4	Jy:11.5cm^4

ΚΟΠΤΙΚΟ ΜΟΡΦΟΠΟΙΗΣΗΣ CUTTING TOOL
075047

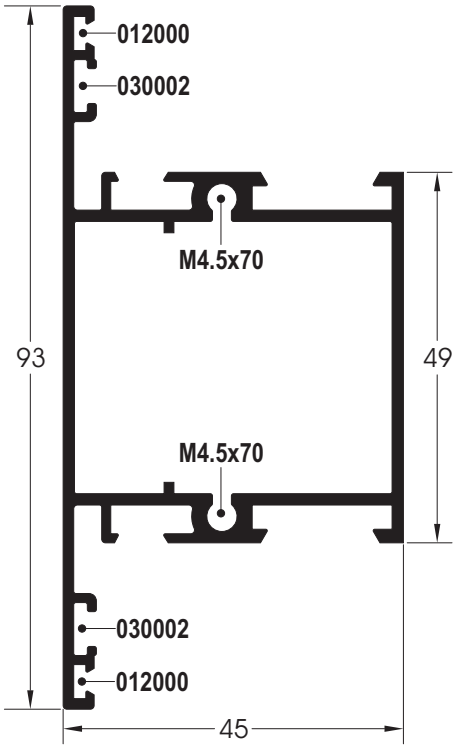
ΕΥΑΙΕΙ CODE	ΑΑΝΙ WEIGHT
1108	1050gr/m

ΔΑΝΕΝΑΟΓ/DESCRIPTION

Χώρισμα Ταυ για πατζούρια
T shape transom for shutters

Jx:9.4cm^4	Jy:9.5cm^4

ΚΟΠΤΙΚΟ ΜΟΡΦΟΠΟΙΗΣΗΣ CUTTING TOOL
075046



ΕΥΑΙΕΙ CODE	ΑΑΝΙ WEIGHT
1109	1220gr/m

ΔΑΝΕΝΑΟΓ/DESCRIPTION

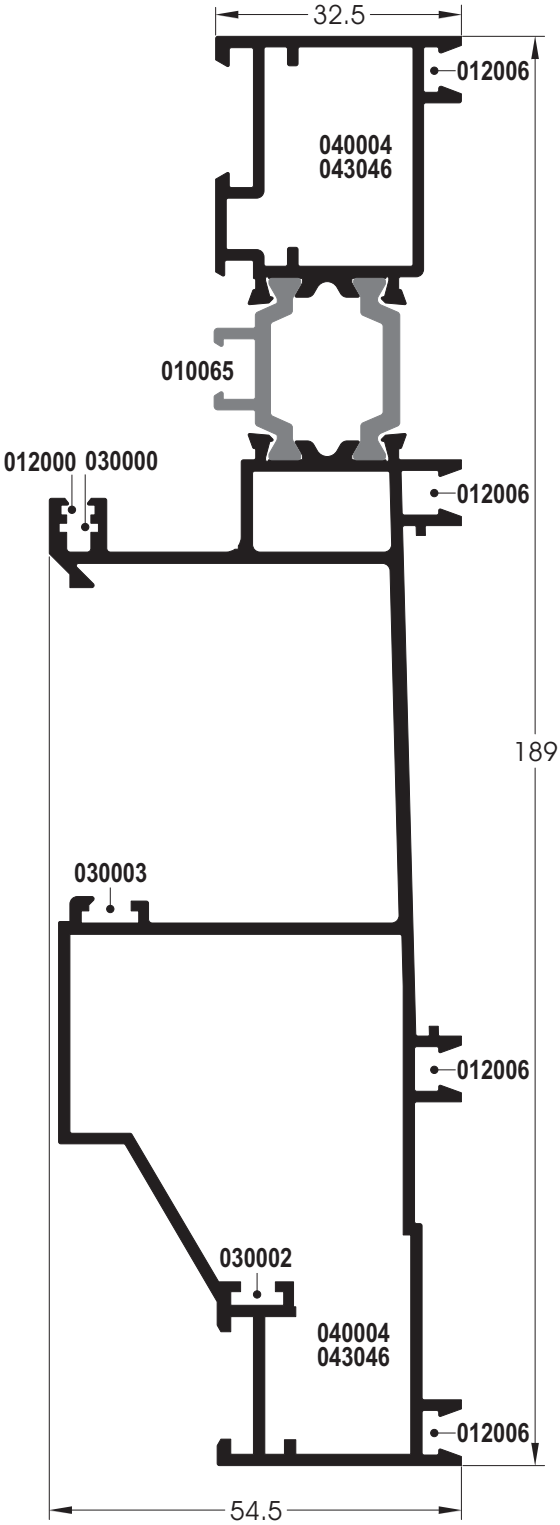
Χώρισμα Ταυ για πατζούρια
T shape transom for shutters

Jx:12.6cm^4	Jy:24.6cm^4

ΚΟΠΤΙΚΟ ΜΟΡΦΟΠΟΙΗΣΗΣ CUTTING TOOL
075046

ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ CORNER CLEAT ΕΞΩΤΕΡΙΚΗ OUTER	ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)		ΕΣΩΤΕΡΙΚΗ INNER	ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)		ΓΩΝΙΑ ΕΠΙΠΕΔΟΤΗΤΑΣ ALIGNMENT CORNER	ΛΑΣΤΙΧΟ GASKET	ΚΕΝΤΡΙΚΟ ΛΑΣΤΙΧΟ CENTRAL GASKET	ΛΑΣΤΙΧΟ ΤΖΑΜΙΟΥ GLAZING GASKET ΑΙ ΙΟΑΝΕΙ /OUTER
1134	6000								012000		
1108	6000							030002	012000		
1109	6000							030002	012000		

ΕΝΣΩΜΑΤΩΜΕΝΗ ΣΙΤΑ - HIDDEN MOSQUITO SCREEN



ΕΥΔΕΙΣ CODE	ΒΑΡΟΣ WEIGHT
1333	2760gr/m

ΠΕΡΙΓΡΑΦΗ/DESCRIPTION

Ενιαία κάσα για ενσωματωμένη σίτα

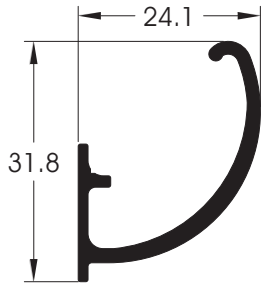
One block frame profile for hidden mosquito screen

Jx:356.9cm^4	Jy:24.1cm^4

ΕΡΓΑΛΕΙΟ ΧΤΥΠΗΜΑΤΟΣ PUNCH KNIFE	077066

ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ CORNER CLEAT						ΓΩΝΙΑ ΕΠΙΠΕΔΟΤΗΤΑΣ ALIGNMENT CORNER			ΛΑΣΤΙΧΟ GASKET		ΚΕΝΤΡΙΚΟ ΛΑΣΤΙΧΟ CENTRAL GASKET
		ΕΞΩΤΕΡΙΚΗ OUTER		ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)	ΕΣΩΤΕΡΙΚΗ INNER		ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)						
1333	6000	040004	043046	28.7x14.8	040004	043046	28.7x14.8	030000	030003	030002	012000	012006	010065

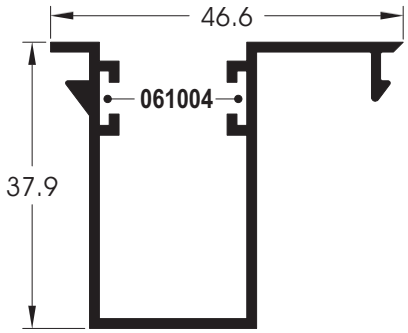
ΕΝΣΩΜΑΤΩΜΕΝΗ ΣΙΤΑ - HIDDEN MOSQUITO SCREEN



ΕΥΑΙΕΙ Ο'CODE **10-05** ΑΑΝΙ Ο'WEIGHT 324gr/m

ΔΑΝΕΕΝΑΟÇ/DESCRIPTION

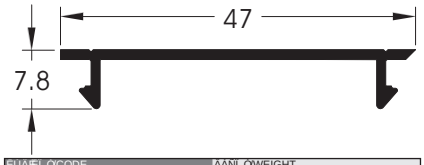
Χερούλι ενσωματωμένης σίτας
Handle for hidden mosquito screen



ΕΥΑΙΕΙ Ο'CODE **30-34** ΑΑΝΙ Ο'WEIGHT 522gr/m

ΔΑΝΕΕΝΑΟÇ/DESCRIPTION

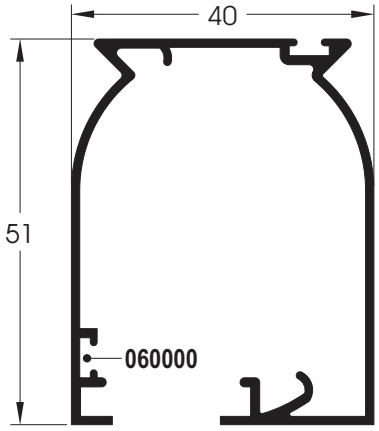
Οδηγός ενσωματωμένης σίτας
Runner for hidden mosquito screen



ΕΥΑΙΕΙ Ο'CODE **30-35** ΑΑΝΙ Ο'WEIGHT 215gr/m

ΔΑΝΕΕΝΑΟÇ/DESCRIPTION

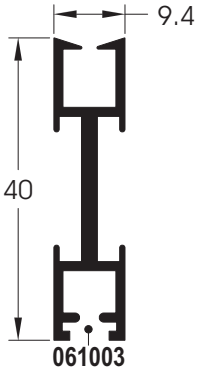
Καπάκι κάσας για ενσωματωμένη σίτα
Cover for frame for hidden mosquito screen



ΕΥΑΙΕΙ Ο'CODE **30-37** ΑΑΝΙ Ο'WEIGHT 587gr/m

ΔΑΝΕΕΝΑΟÇ/DESCRIPTION

Κουτί ενσωματωμένης σίτας
Hidden mosquito screen box



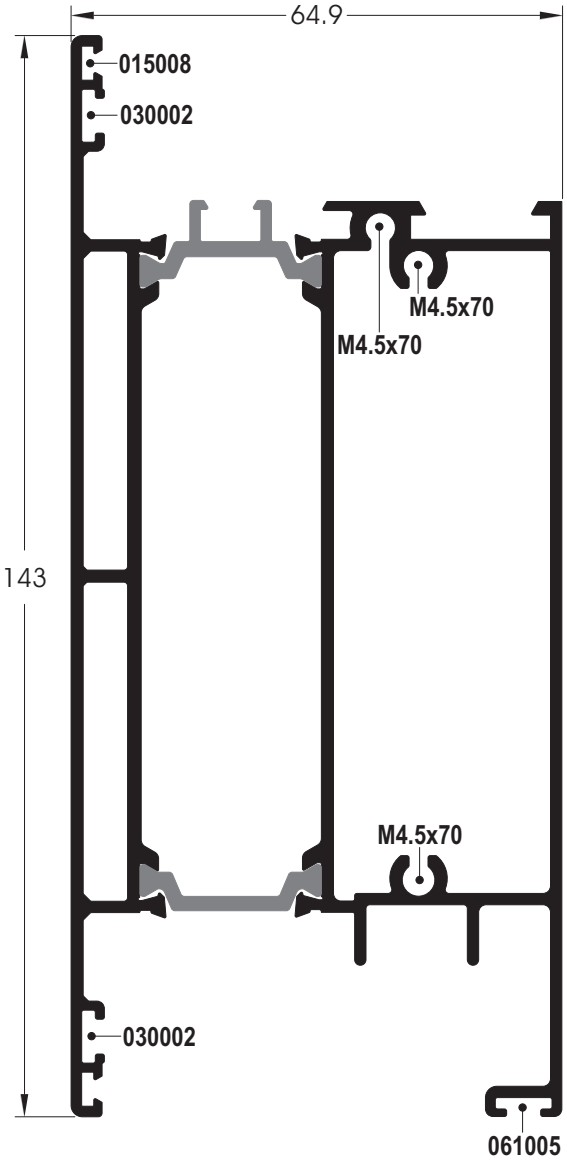
ΕΥΑΙΕΙ Ο'CODE **30-73** ΑΑΝΙ Ο'WEIGHT 332gr/m

ΔΑΝΕΕΝΑΟÇ/DESCRIPTION

Κατωκάσι ενσωματωμένης σίτας
Sealing profile for hidden mosquito screen box

ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ CORNER CLEAT ΕΞΩΤΕΡΙΚΗ OUTER	ΑΒΑΦΟΥΑΟΝΕΙ DIMENSIONS(mm)		ΕΣΩΤΕΡΙΚΗ INNER	ΑΒΑΦΟΥΑΟΝΕΙ DIMENSIONS(mm)		ΓΩΝΙΑ ΕΠΙΠΕΔΟΤΗΤΑΣ ALIGNMENT CORNER		ΛΑΣΤΙΧΟ GASKET	ΒΟΥΡΤΣΑΚΙ BRUSH	ΛΑΣΤΙΧΟ ΤΖΑΜΙΟΥ GLAZING GASKET ΑΙ ΙΟΑΝΕΙ /OUTER
30-34	6000										061004	
30-37	6000										060000	
30-73	6000										061003	

ΤΑΜΠΛΑΔΕΣ - TRANSOM PROFILES



ΕΥΔΕΙΕΙ CODE	ΒΑΡΟΣ WEIGHT
1328	2928gr/m

ΠΕΡΙΓΡΑΦΗ/DESCRIPTION

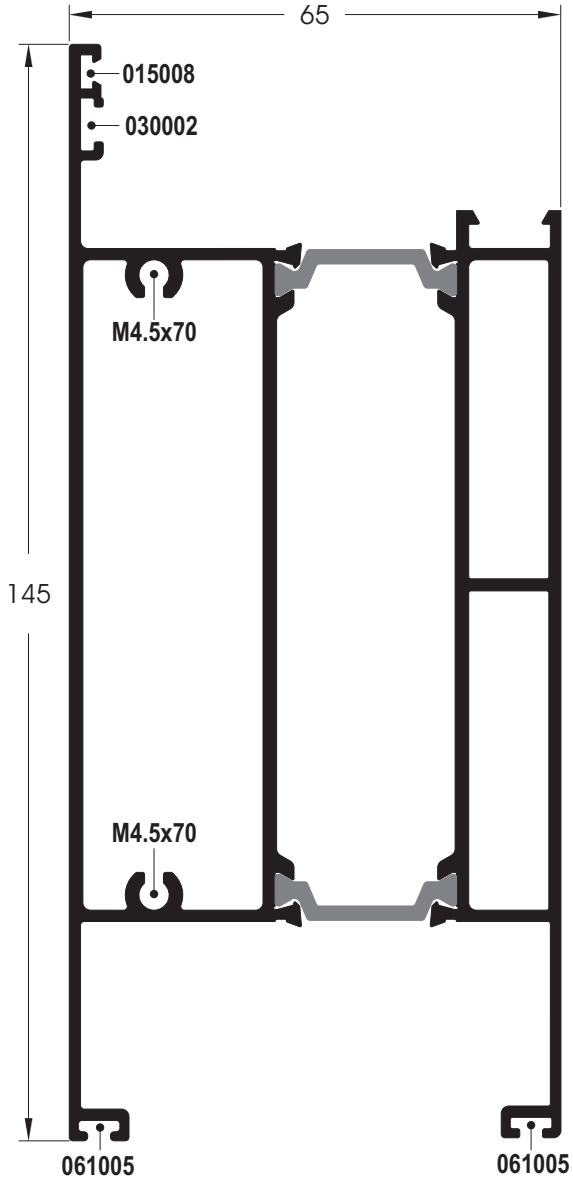
Ταμπλάς για πόρτες
Transom profile for doors

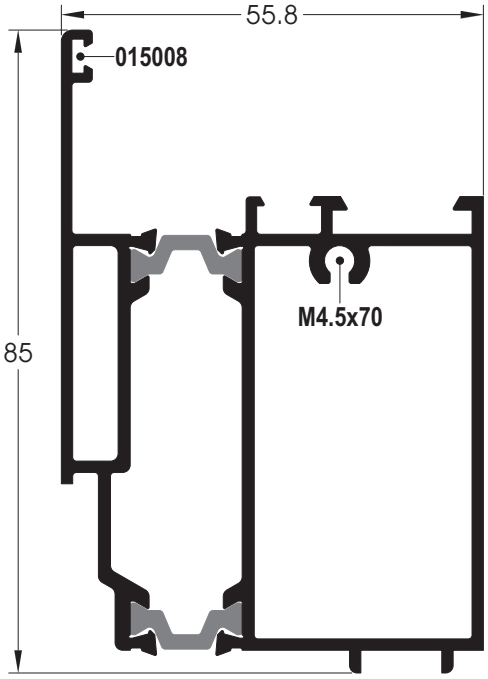
Jx:175.3cm^4	Jy:60.6cm^4

ΜΕ ΠΡΟΦΙΛ WITH PROFILE	ΚΟΠΤΙΚΟ ΜΟΡΦΟΠΟΙΗΣΗΣ CUTTING TOOL
ΦΥΛΛΑ ΚΥΡΙΑΣ ΕΙΣΟΔΟΥ ΓΙΑ ΕΣΩΤΕΡΙΚΑ ΑΝΟΙΓΟΜΕΝΑ INTERNAL OPENING SASHES FOR ENTRANCE DOOR	075066

ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ CORNER CLEAT ΕΞΩΤΕΡΙΚΗ OUTER	ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)		ΕΣΩΤΕΡΙΚΗ INNER	ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)		ΓΩΝΙΑ ΕΠΙΠΕΔΟΤΗΤΑΣ ALIGNMENT CORNER	ΛΑΣΤΙΧΟ GASKET	ΒΟΥΡΤΣΑΚΙ BRUSH	ΛΑΣΤΙΧΟ ΤΖΑΜΙΟΥ GLAZING GASKET ΑΙ ΙΩΔΕΙΕΙ /OUTER
1328	6000							030002		061005	015008

ΤΑΜΠΛΑΔΕΣ - TRANSOM PROFILES





ΕΥΑΙΕΙ Ο/CODE	ΑΑΝΙ Ο/WEIGHT
1322	2901gr/m

ΔΑΝΕΝΑΟΣ/DESCRIPTION

Ταμπλάς για πόρτες εξωτερικά ανοιγόμενες. Συνεργάζεται με το πηχάκι K1613N

Transom profile for external opening doors. Fits with glazing bead K1613N

Jx:165cm^4	Jy:63.6cm^4

ΕΥΑΙΕΙ Ο/CODE	ΑΑΝΙ Ο/WEIGHT
1211	1674gr/m

ΔΑΝΕΝΑΟΣ/DESCRIPTION

Πρόσθετο κάτω χώρισμα

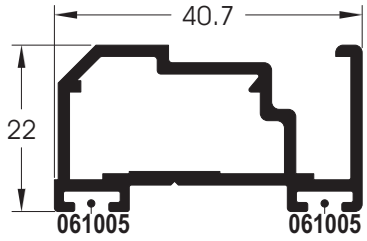
Lower additional transom profile

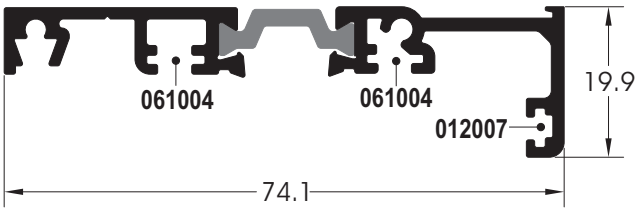
Jx:35.4cm^4	Jy:20.9cm^4

ΜΕ ΠΡΟΦΙΛ WITH PROFILE	ΚΟΠΤΙΚΟ ΜΟΡΦΟΠΟΙΗΣΗΣ CUTTING TOOL
ΦΥΛΛΑ ΚΥΡΙΑΣ ΕΙΣΟΔΟΥ ΓΙΑ ΕΞΩΤΕΡΙΚΑ ΑΝΟΙΓΟΜΕΝΑ EXTERNAL OPENING SASHES FOR ENTRANCE DOOR	075067

ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ CORNER CLEAT ΕΞΩΤΕΡΙΚΗ OUTER		ΑΙΑΟΟΑΟΑΙΕΙ DIMENSIONS(mm)	ΕΣΩΤΕΡΙΚΗ INNER		ΑΙΑΟΟΑΟΑΙΕΙ DIMENSIONS(mm)	ΓΩΝΙΑ ΕΠΙΠΕΔΟΤΗΤΑΣ ALIGNMENT CORNER	ΛΑΣΤΙΧΟ GASKET	ΒΟΥΡΤΣΑΚΙ BRUSH	ΛΑΣΤΙΧΟ ΤΖΑΜΙΟΥ GLAZING GASKET AI UOAIEI /OUTER
1322	6000							030002		061005	015008
1211	6000										015008

ΑΕΡΟΦΡΑΧΤΕΣ - AIR DAMPERS
ΚΑΤΩΚΑΣΙΑ ΠΟΡΤΑΣ - SEALING DOOR PROFILES





ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
K1406	577gr/m

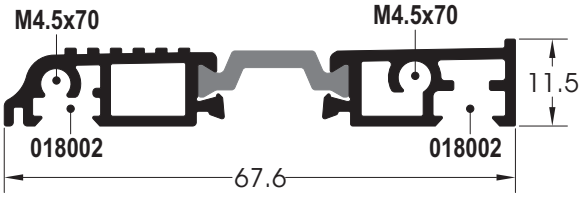
ΔΑΝΕΑΝΑΟÇ/DESCRIPTION

Αεροφράχτης για ταμπλά
Air damper profile for transom

ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
1336	748gr/m

ΔΑΝΕΑΝΑΟÇ/DESCRIPTION

Αεροφράχτης για ταμπλά
Air damper profile for transom



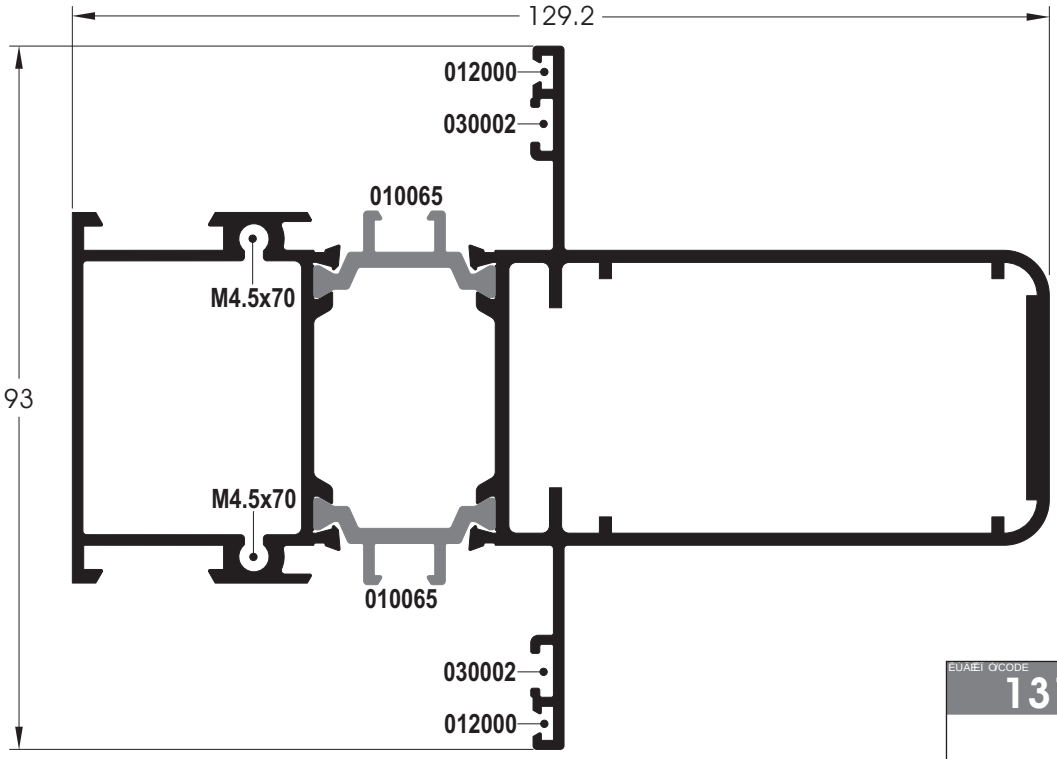
ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
574	676gr/m

ΔΑΝΕΑΝΑΟÇ/DESCRIPTION

Κατωκάσι για στεγάνωση πόρτας
Sealing door profile

ΚΟΠΤΙΚΟ ΜΟΡΦΟΠΟΙΗΣΗΣ CUTTING TOOL
075065

ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ CORNER CLEAT ΕΞΩΤΕΡΙΚΗ OUTER	ΑΙΜΕΝΣΙΟΝΣ DIMENSIONS(mm)		ΕΣΩΤΕΡΙΚΗ INNER	ΑΙΜΕΝΣΙΟΝΣ DIMENSIONS(mm)		ΓΩΝΙΑ ΕΠΙΠΕΔΟΤΗΤΑΣ ALIGNMENT CORNER	ΛΑΣΤΙΧΟ GASKET	ΒΟΥΡΤΣΑΚΙ BRUSH	ΛΑΣΤΙΧΟ ΤΖΑΜΙΟΥ GLAZING GASKET ΑΙ ΟΔΑΜΕΙ /OUTER
K1406	6000									061005	
1336	6000								012007	061004	
574	6000								018002		

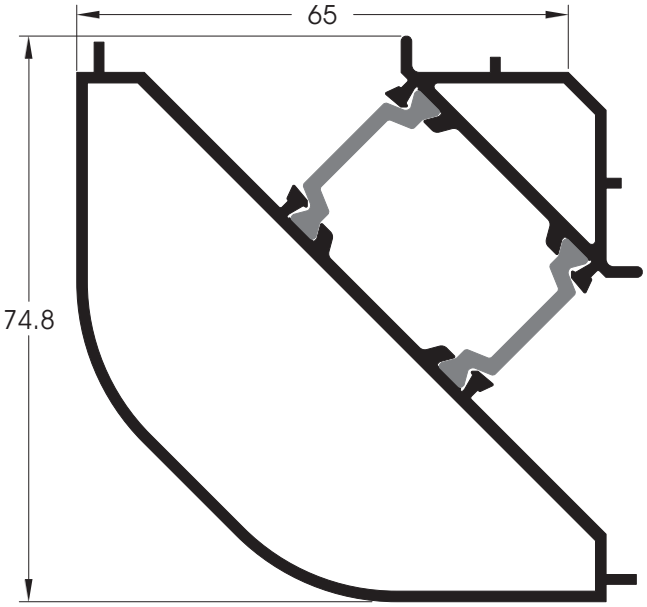


ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
1312	2534gr/m

ΔΑΝΕΝΑΟΣ/DESCRIPTION

Κολώνα
Mullion profile

Jy:39cm^4	Jx:142cm^4



ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
1323	1580gr/m

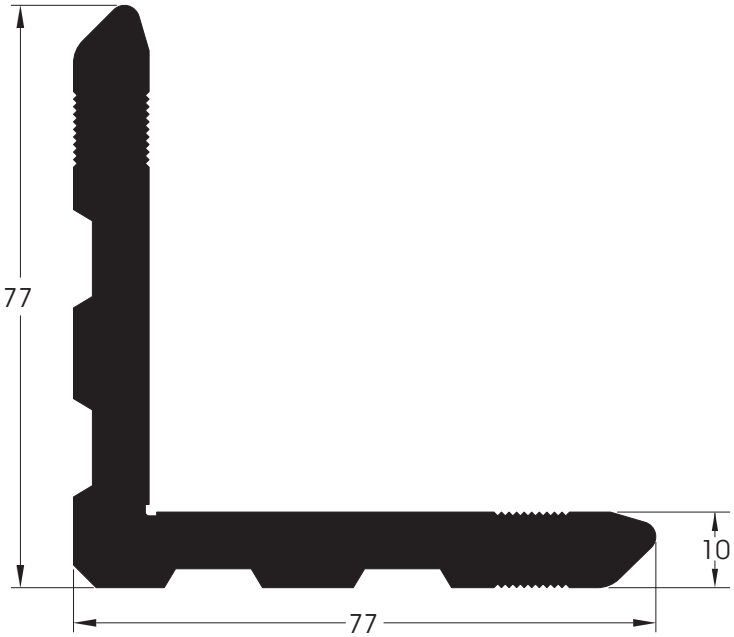
ΔΑΝΕΝΑΟΣ/DESCRIPTION

Κολώνα για γωνιακές κατασκευές 90°
Mullion profile for corner 90°

Jx:26.6cm^4	Jy:36cm^4

ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ CORNER CLEAT ΕΞΩΤΕΡΙΚΗ OUTER	ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)		ΕΣΩΤΕΡΙΚΗ INNER	ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS(mm)		ΓΩΝΙΑ ΕΠΙΠΕΔΟΤΗΤΑΣ ALIGNMENT CORNER	ΛΑΣΤΙΧΟ GASKET	ΚΕΝΤΡΙΚΟ ΛΑΣΤΙΧΟ CENTRAL GASKET	ΛΑΣΤΙΧΟ ΤΖΑΜΙΟΥ GLAZING GASKET ΑΙ ΙΟΔΑΝΕΙ /OUTER
1312	6000							030002	012000	010065	

ΓΩΝΙΕΣ ΣΥΝΔΕΣΗΣ - CORNER CLEAT



ΕΥΑΙΕΙ Ο'CODE **K1401** ΑΑΝΙ Ο'WEIGHT 3407gr/m

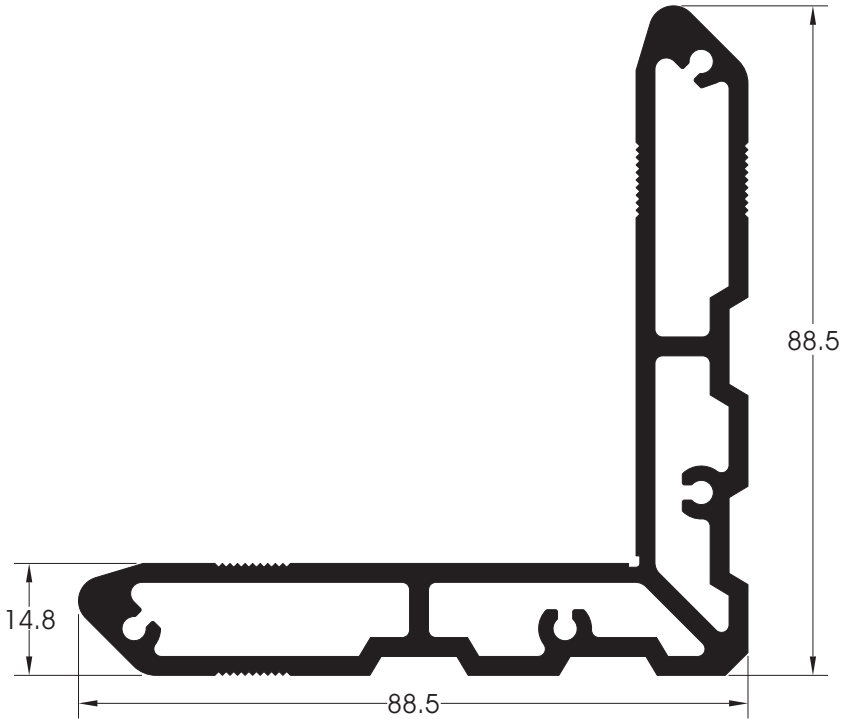
ΔΑΝΕΖΝΑΟÇ/DESCRIPTION

Προφίλ για γωνία σύνδεσης
Profile for corner cleat

ΕΥΑΙΕΙ Ο'CODE **K1402** ΑΑΝΙ Ο'WEIGHT 2685gr/m

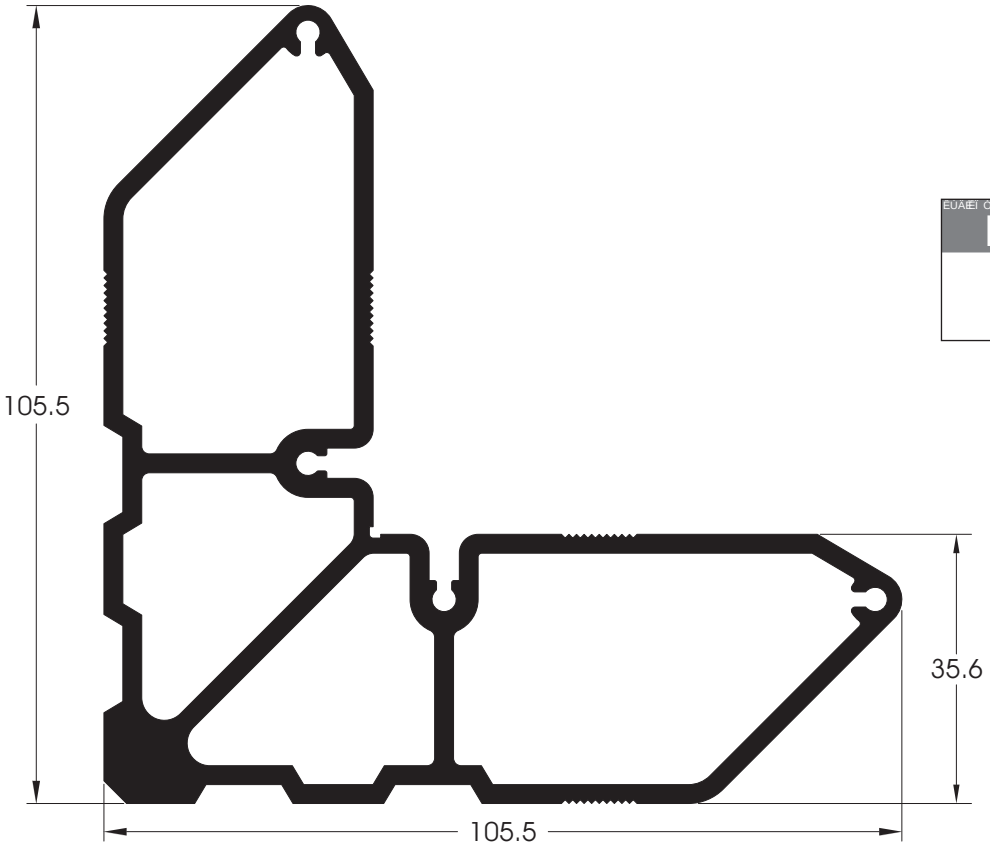
ΔΑΝΕΖΝΑΟÇ/DESCRIPTION

Προφίλ για γωνία σύνδεσης
Profile for corner cleat



ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ ΩΣ ΕΞΑΡΤΗΜΑ CORNER CLEAT AS AN ACCESSORY									
		ΚΩΔΙΚΟΣ CODE	ΑΙΕΑΟΟΑΟΑΙΕ DIMENSIONS(mm)	ΚΩΔΙΚΟΣ CODE	ΑΙΕΑΟΟΑΟΑΙΕ DIMENSIONS(mm)	ΚΩΔΙΚΟΣ CODE	ΑΙΕΑΟΟΑΟΑΙΕ DIMENSIONS(mm)	ΚΩΔΙΚΟΣ CODE	ΑΙΕΑΟΟΑΟΑΙΕ DIMENSIONS(mm)	ΚΩΔΙΚΟΣ CODE	ΑΙΕΑΟΟΑΟΑΙΕ DIMENSIONS(mm)
K1401	6000	043043	5.5x10								
K1402	6000	043046	28.7x14.8								

ΓΩΝΙΕΣ ΣΥΝΔΕΣΗΣ - CORNER CLEAT



EÜÁÏÉÌ Ó'CODE **K1403** ÁÁÑÌ ÓWEIGHT 3515gr/m

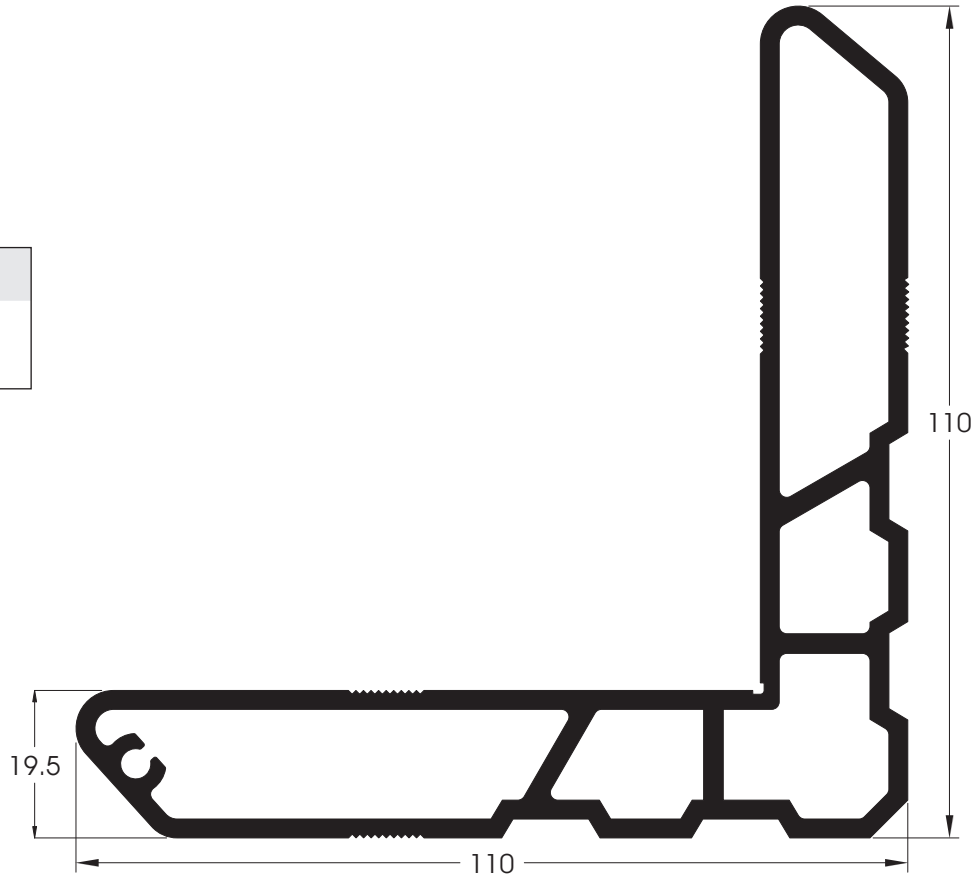
ÐÁÑÉÑÁÓÇ/DESCRIPTION

Προφίλ για γωνία σύνδεσης
Profile for corner cleat

EÜÁÏÉÌ Ó'CODE **502** ÁÁÑÌ ÓWEIGHT 3249gr/m

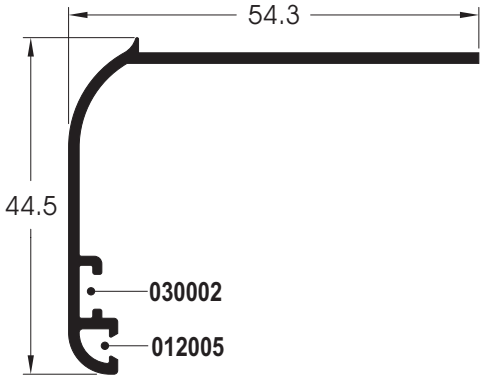
ÐÁÑÉÑÁÓÇ/DESCRIPTION

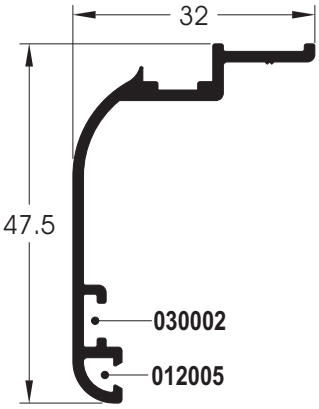
Προφίλ για γωνία σύνδεσης
Profile for corner cleat



ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ ΩΣ ΕΞΑΡΤΗΜΑ CORNER CLEAT AS AN ACCESSORY									
		ΚΩΔΙΚΟΣ CODE	ÄÉÁÓÔÁÓÅÙÍ DIMENSIONS(mm)	ΚΩΔΙΚΟΣ CODE	ÄÉÁÓÔÁÓÅÙÍ DIMENSIONS(mm)	ΚΩΔΙΚΟΣ CODE	ÄÉÁÓÔÁÓÅÙÍ DIMENSIONS(mm)	ΚΩΔΙΚΟΣ CODE	ÄÉÁÓÔÁÓÅÙÍ DIMENSIONS(mm)	ΚΩΔΙΚΟΣ CODE	ÄÉÁÓÔÁÓÅÙÍ DIMENSIONS(mm)
K1403	6000	043047	28.7x35.6								
502	6000	043016	10.7x19.5	043021	28.7x19.5						

ΑΡΜΟΚΑΛΥΠΤΡΑ - DECORATIVE COVERS





ΕΥΑΙΕΙ Ο/CODE	ΑΑΝΙ Ο/WEIGHT
K1408	401gr/m

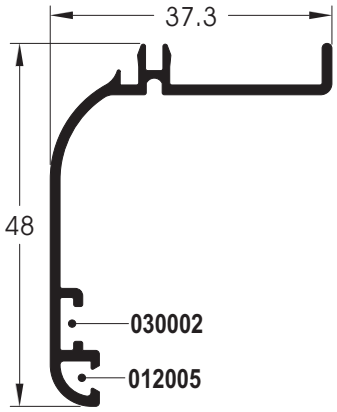
ΔΑΝΕΑΝΟΣ/DESCRIPTION

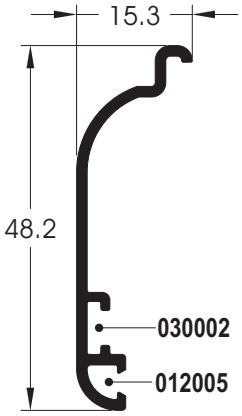
Αρμοκάλυπτρο
Decorative cover

ΕΥΑΙΕΙ Ο/CODE	ΑΑΝΙ Ο/WEIGHT
K1409	362gr/m

ΔΑΝΕΑΝΟΣ/DESCRIPTION

Αρμοκάλυπτρο.
Δεν συνεργάζεται με την κάσα 1337
Decorative cover.
Doesn't fits with frame profile 1337





ΕΥΑΙΕΙ Ο/CODE	ΑΑΝΙ Ο/WEIGHT
K1414	362gr/m

ΔΑΝΕΑΝΟΣ/DESCRIPTION

Αρμοκάλυπτρο
Decorative cover

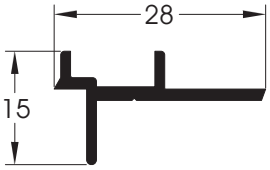
ΕΥΑΙΕΙ Ο/CODE	ΑΑΝΙ Ο/WEIGHT
K1416	269gr/m

ΔΑΝΕΑΝΟΣ/DESCRIPTION

Αρμοκάλυπτρο
Decorative cover

ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ CORNER CLEAT ΕΞΩΤΕΡΙΚΗ OUTER	ΑΔΕΙΑ ΔΙΑΣΤΑΣΕΩΝ DIMENSIONS (mm)		ΕΣΩΤΕΡΙΚΗ INNER	ΑΔΕΙΑ ΔΙΑΣΤΑΣΕΩΝ DIMENSIONS (mm)		ΓΩΝΙΑ ΕΠΙΠΕΔΟΤΗΤΑΣ ALIGNMENT CORNER	ΛΑΣΤΙΧΟ GASKET	ΚΕΝΤΡΙΚΟ ΛΑΣΤΙΧΟ CENTRAL GASKET	ΛΑΣΤΙΧΟ ΤΖΑΜΙΟΥ GLAZING GASKET ΑΙ (ΔΑΜΕΙ) /OUTER
K1408	6000							030002	012005		
K1409	6000							030002	012005		
K1414	6000							030002	012005		
K1416	6000							030002	012005		

ΠΡΟΣΘΕΤΑ ΠΡΟΦΙΛ ΓΙΑ ΚΑΣΕΣ - ADDITIONAL PROFILES FOR FRAMES

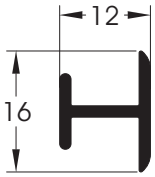


ΕΥΑΙΔΙ Ο/CODE	ΑΑΝΙ Ο/WEIGHT
K1405	180gr/m

ΔΑΝΕΝΑΟΓ/DESCRIPTION

Πρόσθετο προφίλ για πόρτα
Additional profile for door

COPLANAR

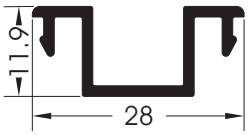


ΕΥΑΙΔΙ Ο/CODE	ΑΑΝΙ Ο/WEIGHT
K1415	136gr/m

ΔΑΝΕΝΑΟΓ/DESCRIPTION

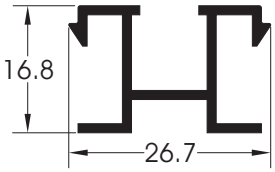
Προφίλ σύνδεσης για κάσες
Joint profile for frames

ΚΟΥΜΠΩΜΑΤΑ & ΚΑΛΛΥΜΑΤΑ - CLIPS & COVERS
ΝΤΙΖΑ & ΝΕΡΟΣΤΑΛΑΚΤΗΣ - SLIDING ROD & WATER PROTECTION



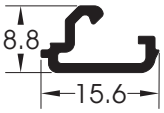
ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
1119	224gr/m

ΔΑΝΕΑΝΑΟΣ/DESCRIPTION
Κούμπωμα για κινητή περσίδα
Clip for moving louver



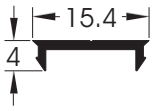
ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
613	258gr/m

ΔΑΝΕΑΝΑΟΣ/DESCRIPTION
Κούμπωμα για οβαλίνα.
Συνεργάζεται με το εξάρτημα 023001
Clip for oval shutter profile.
Fits with accessorie 023001



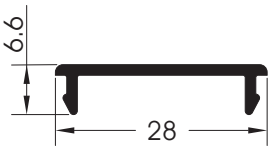
ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
K1616	104gr/m

ΔΑΝΕΑΝΑΟΣ/DESCRIPTION
Κούμπωμα για πηχάκια τζαμιού
Clip for glazing bead



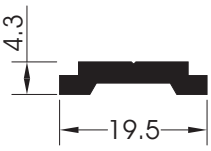
ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
231	59gr/m

ΔΑΝΕΑΝΑΟΣ/DESCRIPTION
Κάλλυμα για κάμερα κάσας
Groove cover for frames



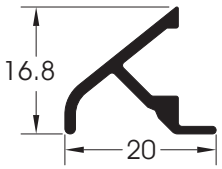
ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
1137	145gr/m

ΔΑΝΕΑΝΑΟΣ/DESCRIPTION
Κάλλυμα για σταθερή περσίδα
Cover for fixed louver



ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
K1404	159gr/m

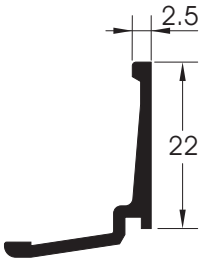
ΔΑΝΕΑΝΑΟΣ/DESCRIPTION
Ντίζα
Sliding rod



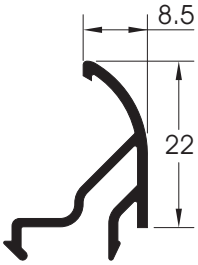
ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
K1411	160gr/m

ΔΑΝΕΑΝΑΟΣ/DESCRIPTION
Νεροσταλάκτης
Water protection

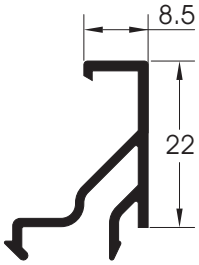
ΤΑΠΑ PLASTIC COVER	**022000**



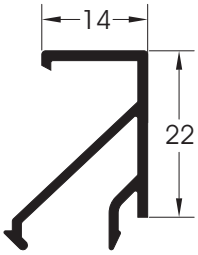
ΕΥΑΙΕΙ Ο/CODE **K1606** ΑΑΝΙ Ο/WEIGHT 199gr/m
ΔΑΝΕΑΝΑΟΣ/DESCRIPTION
Πηχάκι τζαμιού
Glazing bead



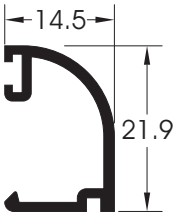
ΕΥΑΙΕΙ Ο/CODE **K1605** ΑΑΝΙ Ο/WEIGHT 205gr/m
ΔΑΝΕΑΝΑΟΣ/DESCRIPTION
Πηχάκι τζαμιού
Glazing bead



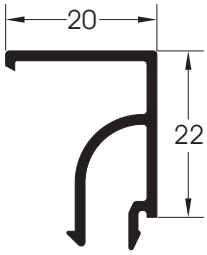
ΕΥΑΙΕΙ Ο/CODE **K1611** ΑΑΝΙ Ο/WEIGHT 221gr/m
ΔΑΝΕΑΝΑΟΣ/DESCRIPTION
Πηχάκι τζαμιού
Glazing bead



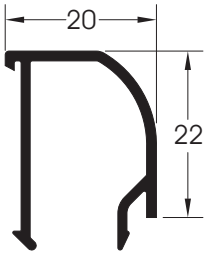
ΕΥΑΙΕΙ Ο/CODE **K1610** ΑΑΝΙ Ο/WEIGHT 238gr/m
ΔΑΝΕΑΝΑΟΣ/DESCRIPTION
Πηχάκι τζαμιού
Glazing bead



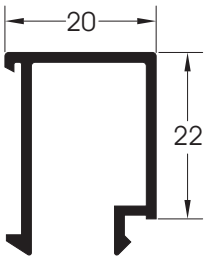
ΕΥΑΙΕΙ Ο/CODE **584** ΑΑΝΙ Ο/WEIGHT 195gr/m
ΔΑΝΕΑΝΑΟΣ/DESCRIPTION
Πηχάκι τζαμιού κουμπωτό. Συνεργάζεται με το προφίλ K1616
Glazing bead clipped on. Fits with profile K1616



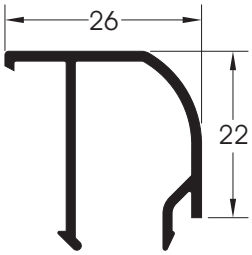
ΕΥΑΙΕΙ Ο/CODE **K1613N** ΑΑΝΙ Ο/WEIGHT 248gr/m
ΔΑΝΕΑΝΑΟΣ/DESCRIPTION
Πηχάκι τζαμιού. Συνεργάζεται με τα προφίλ 1318, 1321, 1322 & 1332
Glazing bead. Fits with profiles 1318, 1321, 1322 & 1332



ΕΥΑΙΕΙ Ο/CODE **K1603** ΑΑΝΙ Ο/WEIGHT 247gr/m
ΔΑΝΕΑΝΑΟΣ/DESCRIPTION
Πηχάκι τζαμιού
Glazing bead

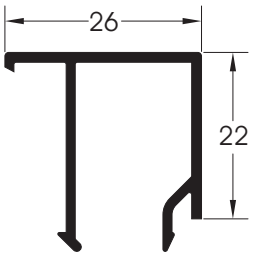


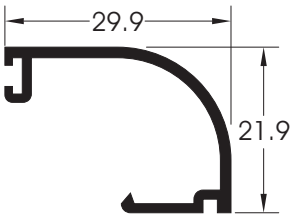
ΕΥΑΙΕΙ Ο/CODE **K1609** ΑΑΝΙ Ο/WEIGHT 276gr/m
ΔΑΝΕΑΝΑΟΣ/DESCRIPTION
Πηχάκι τζαμιού
Glazing bead

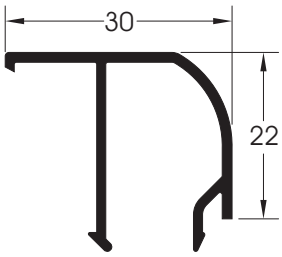


ΕΥΑΙΕΙ Ο/CODE **K1602** ΑΑΝΙ Ο/WEIGHT 268gr/m
ΔΑΝΕΑΝΑΟΣ/DESCRIPTION
Πηχάκι τζαμιού
Glazing bead

ΠΗΧΑΚΙΑ ΤΖΑΜΙΟΥ- GLAZING BEADS







ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
K1608	283gr/m

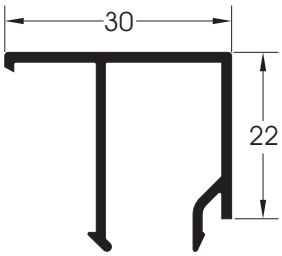
ΔΑΝΕΑΝΑΟÇ/DESCRIPTION
Πηχάκι τζαμιού
Glazing bead

ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
585	249gr/m

ΔΑΝΕΑΝΑΟÇ/DESCRIPTION
Πηχάκι τζαμιού κουμπωτό.
Συνεργάζεται με το προφίλ K1616
Glazing bead clipped on.
Fits with profile K1616

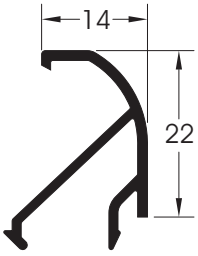
ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
K1601	282gr/m

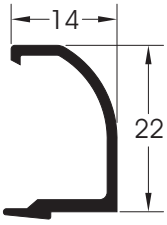
ΔΑΝΕΑΝΑΟÇ/DESCRIPTION
Πηχάκι τζαμιού
Glazing bead



ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
K1607	298gr/m

ΔΑΝΕΑΝΑΟÇ/DESCRIPTION
Πηχάκι τζαμιού
Glazing bead



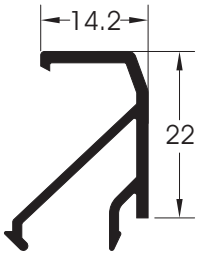


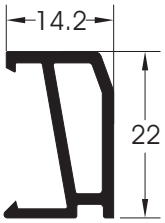
ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
K1604	220gr/m

ΔΑΝΕΑΝΑΟÇ/DESCRIPTION
Πηχάκι τζαμιού.
Συνεργάζεται με το πηχάκι K1615
Glazing bead.
Fits with glazing bead K1615

ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
K1615	168gr/m

ΔΑΝΕΑΝΑΟÇ/DESCRIPTION
Πηχάκι τζαμιού κουμπωτό.
Συνεργάζεται με το πηχάκι K1604
& το εξάρτημα 991001
Glazing bead clipped on.
Fits with glazing bead K1604
& accessorie 991001





ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
521	249gr/m

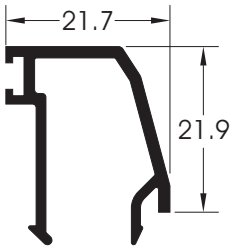
ΔΑΝΕΝΑΟΓ/DESCRIPTION

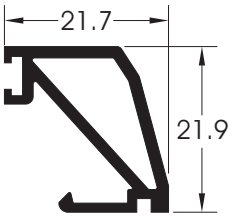
Πηχάκι τζαμιού.
Συνεργάζεται με το πηχάκι 520
Glazing bead.
Fits with glazing bead 520

ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
520	257gr/m

ΔΑΝΕΝΑΟΓ/DESCRIPTION

Πηχάκι τζαμιού κουμπωτό.
Συνεργάζεται με το πηχάκι 521
& το προφίλ K1616
Glazing bead clipped on.
Fits with glazing bead 521
& profile K1616





ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
587	288gr/m

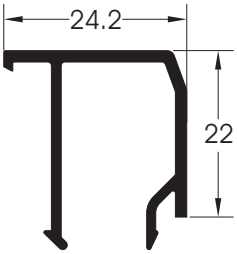
ΔΑΝΕΝΑΟΓ/DESCRIPTION

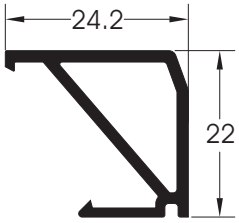
Πηχάκι τζαμιού.
Συνεργάζεται με το πηχάκι 583
Glazing bead.
Fits with glazing bead 583

ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
583	319gr/m

ΔΑΝΕΝΑΟΓ/DESCRIPTION

Πηχάκι τζαμιού κουμπωτό.
Συνεργάζεται με το πηχάκι 587
& το προφίλ K1616
Glazing bead clipped on.
Fits with glazing bead 587
& profile K1616





ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
905	301gr/m

ΔΑΝΕΝΑΟΓ/DESCRIPTION

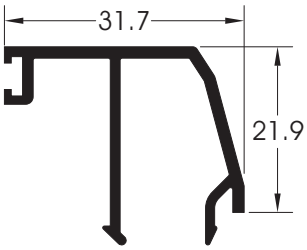
Πηχάκι τζαμιού.
Συνεργάζεται με το πηχάκι 904
Glazing bead.
Fits with glazing bead 904

ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
904	315gr/m

ΔΑΝΕΝΑΟΓ/DESCRIPTION

Πηχάκι τζαμιού κουμπωτό.
Συνεργάζεται με το πηχάκι 905
& το προφίλ K1616
Glazing bead clipped on.
Fits with glazing bead 905
& profile K1616

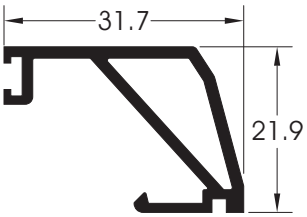
ΠΗΧΑΚΙΑ ΤΖΑΜΙΟΥ- GLAZING BEADS



ΕΥΑΙΕΙ Ο/CODE **586** ΑΑΝΙ Ο/WEIGHT 343gr/m

ΔΗΜΕΝΑΟΣ/DESCRIPTION

Πηχάκι τζαμιού.
Συνεργάζεται με το πηχάκι 582
Glazing bead.
Fits with glazing bead 582

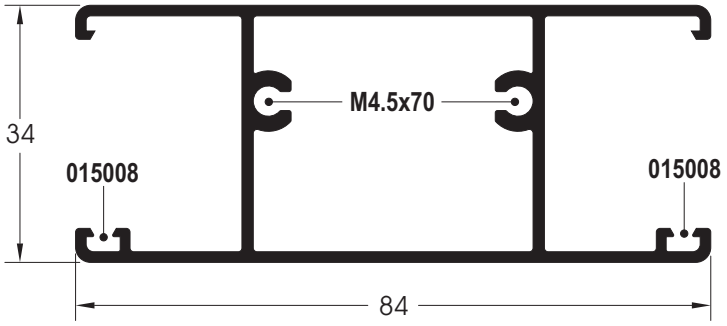


ΕΥΑΙΕΙ Ο/CODE **582** ΑΑΝΙ Ο/WEIGHT 368gr/m

ΔΗΜΕΝΑΟΣ/DESCRIPTION

Πηχάκι τζαμιού κουμπωτό.
Συνεργάζεται με το πηχάκι 586
& το προφίλ K1616
Glazing bead clipped on.
Fits with glazing bead 586
& profile K1616

ΧΩΡΙΣΜΑΤΑ - TRANSOMS FOR SHUTTERS
ΡΑΜΠΟΤΕ - PANEL PROFILES



ΕΥΑΙΕΙ Ο/CODE	ΑΑΝΙ Ο/WEIGHT
1118	1082gr/m

ΔΑΝΕΝΑΟΣ/DESCRIPTION

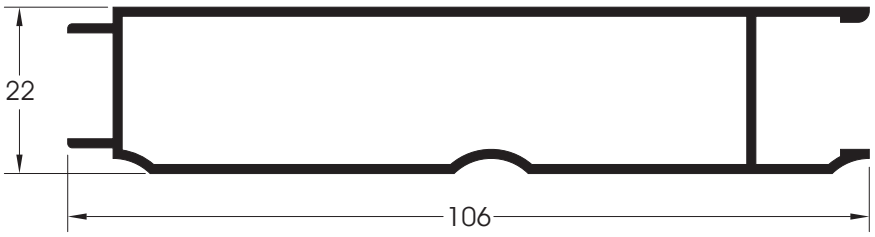
Χώρισμα για πατζούρι
Transom for shutter

Jx:7.6cm^4	Jy:22.7cm^4

ΕΥΑΙΕΙ Ο/CODE	ΑΑΝΙ Ο/WEIGHT
Γ147N	870gr/m

ΔΑΝΕΝΑΟΣ/DESCRIPTION

Ραμποτέ *(στενό)*
Panel profile (narrow)



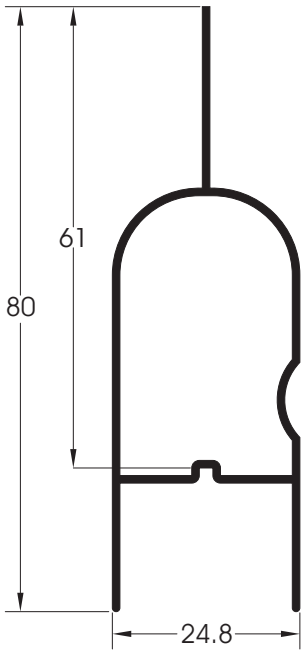
ΕΥΑΙΕΙ Ο/CODE	ΑΑΝΙ Ο/WEIGHT
Γ117	824gr/m

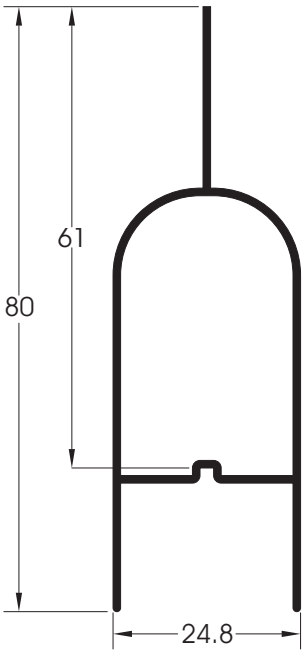
ΔΑΝΕΝΑΟΣ/DESCRIPTION

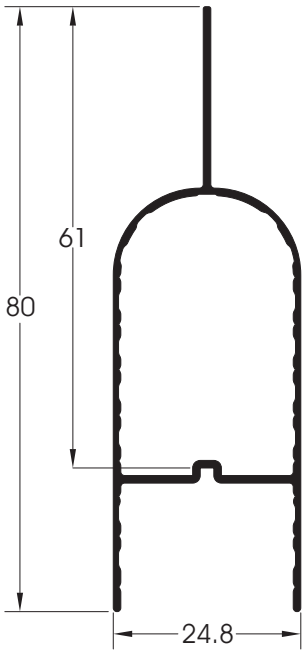
Ραμποτέ *(φαρδύ)*
Panel profile (wide)

ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ CORNER CLEAT ΕΞΩΤΕΡΙΚΗ OUTER	ΑΕΒΟΟΑΟΑΕ(mm) DIMENSIONS(mm)		ΕΣΩΤΕΡΙΚΗ INNER	ΑΕΒΟΟΑΟΑΕ(mm) DIMENSIONS(mm)		ΓΩΝΙΑ ΕΠΙΠΕΔΟΤΗΤΑΣ ALIGNMENT CORNER	ΛΑΣΤΙΧΟ GASKET	ΚΕΝΤΡΙΚΟ ΛΑΣΤΙΧΟ CENTRAL GASKET	ΛΑΣΤΙΧΟ ΤΖΑΜΙΟΥ GLAZING GASKET ΑΙ ΟΔΑΝΕΙ /OUTER
1118	6000										015008

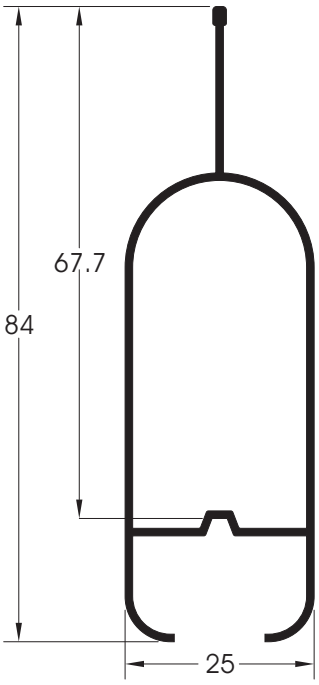
ΠΕΡΣΙΔΕΣ - LOUVERS

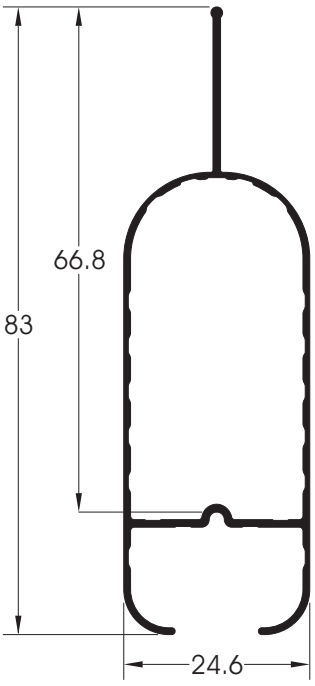




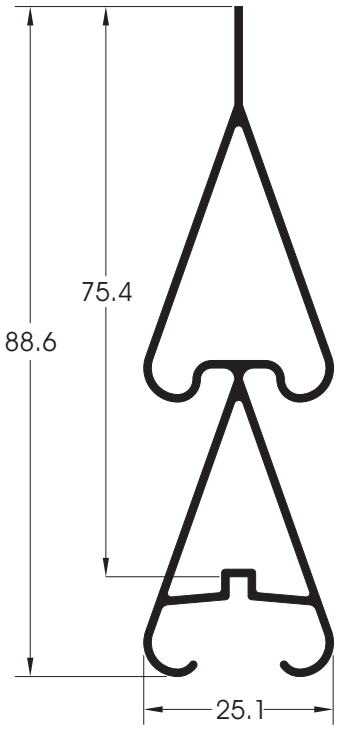


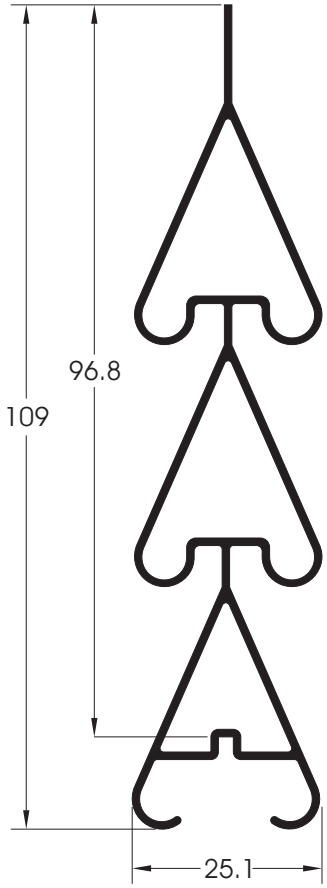
ΕΥΑΕΙ Ο/CODE	ΑΑΝΙ Ο/WEIGHT	ΔΗΝΕΝΑΟΟ/DESCRIPTION	
Γ116	476gr/m	**Περσίδα μονή** *Single louver profile*	**16.4m/m²**
Γ124	474gr/m	**Περσίδα μονή** *Single louver profile*	**16.4m/m²**
Γ176	436gr/m	**Περσίδα μονή** *Single louver profile*	**16.4m/m²**





ΕΥΑΕΙ Ο/CODE	ΑΑΝΙ Ο/WEIGHT	ΔΗΝΕΝΑΟΟ/DESCRIPTION	
Γ140	521gr/m	**Περσίδα μονή** *Single louver profile*	**14.8m/m²**
Γ180	442gr/m	**Περσίδα μονή** *Single louver profile*	**15m/m²**





ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
Γ241	649gr/m

ΔΑΝΙΕΝΑΟÇ/DESCRIPTION

Περσίδα διπλή
Double louver profile

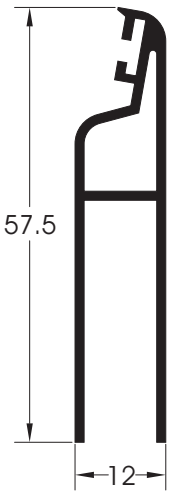
13.3m/m²

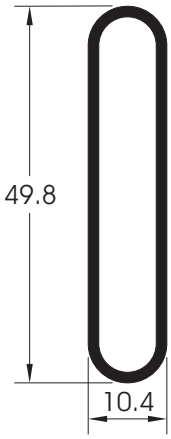
ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
Γ128	850gr/m

ΔΑΝΙΕΝΑΟÇ/DESCRIPTION

Περσίδα τριπλή
Triple louver profil

10.3m/m²





ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
Γ148	544gr/m

ΔΑΝΙΕΝΑΟÇ/DESCRIPTION

Προφίλ για κινητή περσίδα
Moving louver profile

ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
Γ149	446gr/m

ΔΑΝΙΕΝΑΟÇ/DESCRIPTION

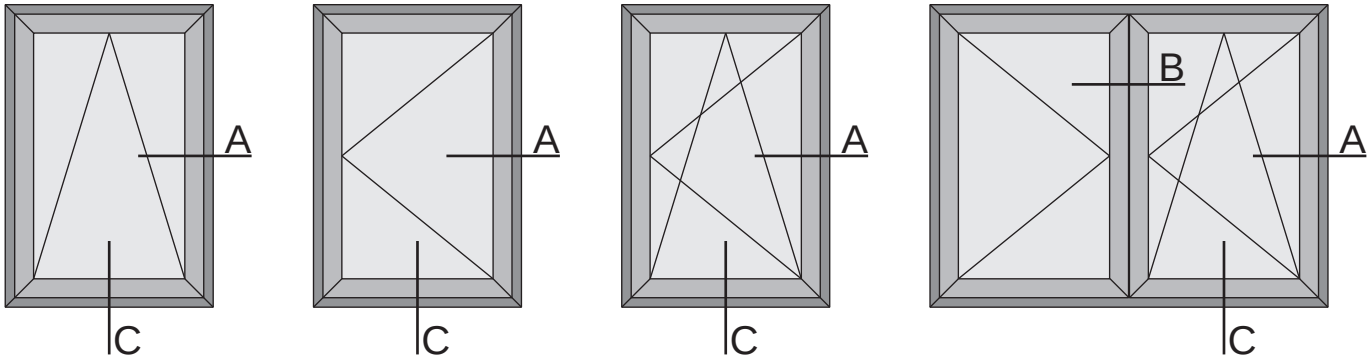
Τελείωμα για κινητή περσίδα
Ending for moving louver

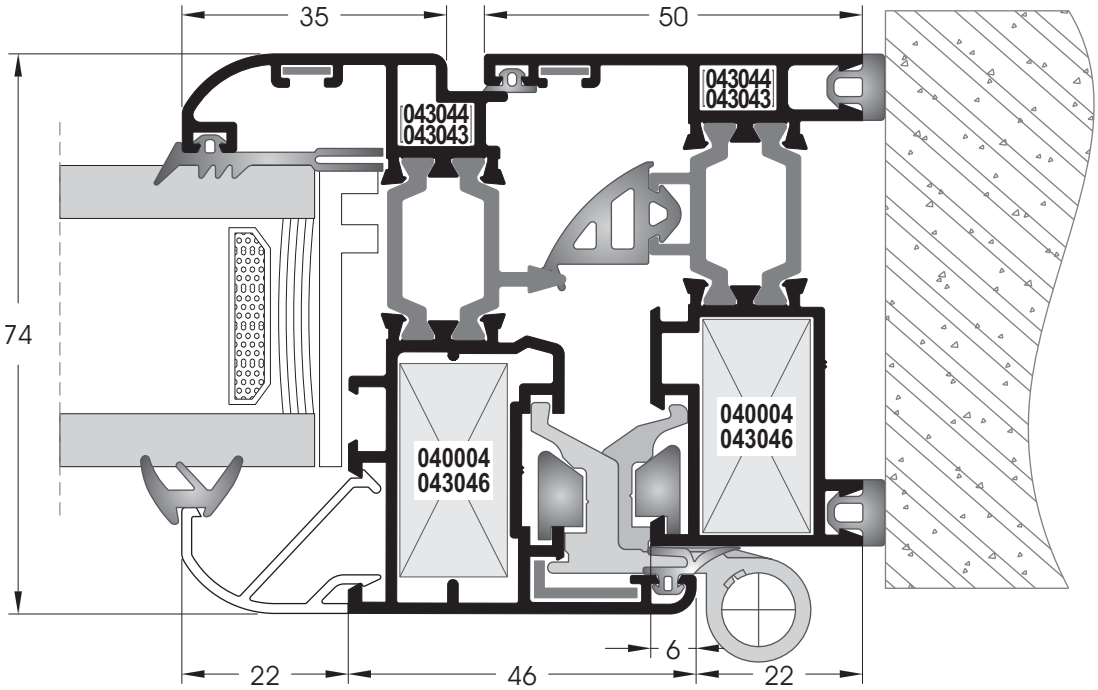
ΕΥΑΙΕΙ Ο'CODE	ΑΑΝΙ Ο'WEIGHT
Γ480	405gr/m

ΔΑΝΙΕΝΑΟÇ/DESCRIPTION

Οβαλίνα για σταθερή περσίδα
Oval profile for fixed louver

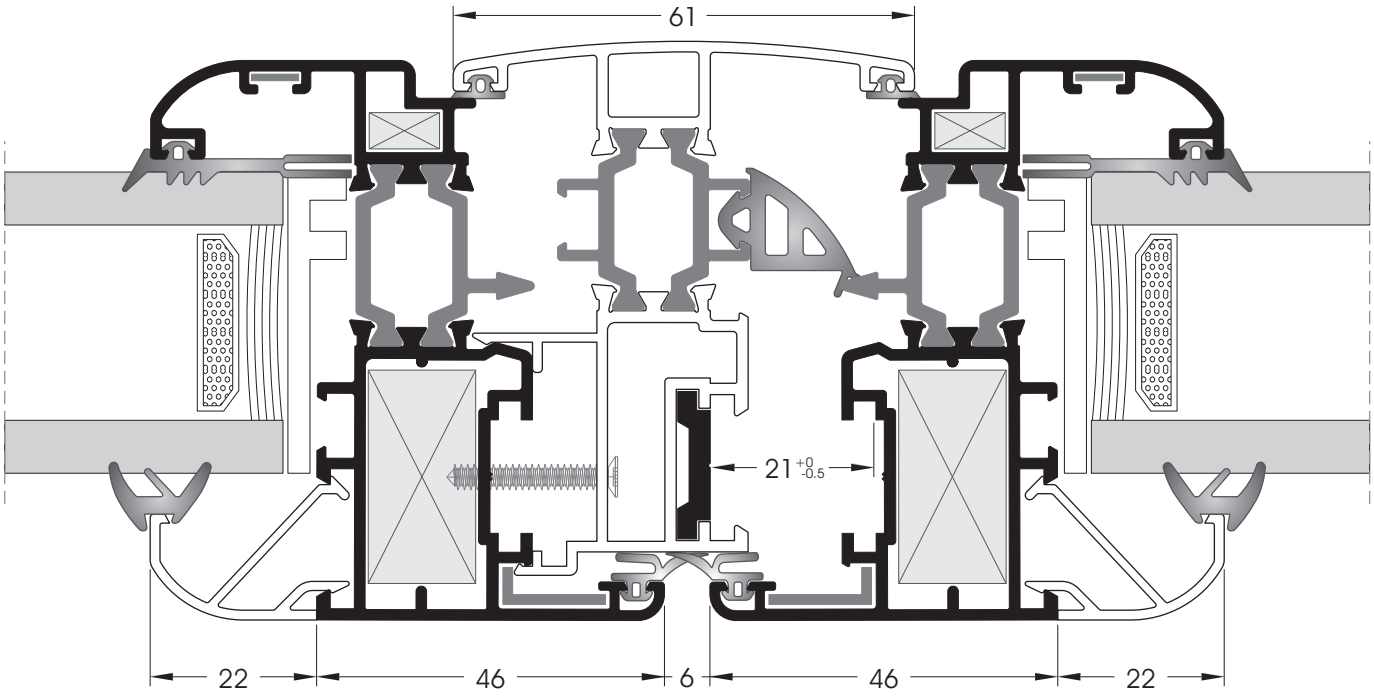
ΜΟΝΟΦΥΛΛΑ - ΔΙΦΥΛΛΑ ΠΑΡΑΘΥΡΑ
SINGLE - DOUBLE SASHES WINDOWS



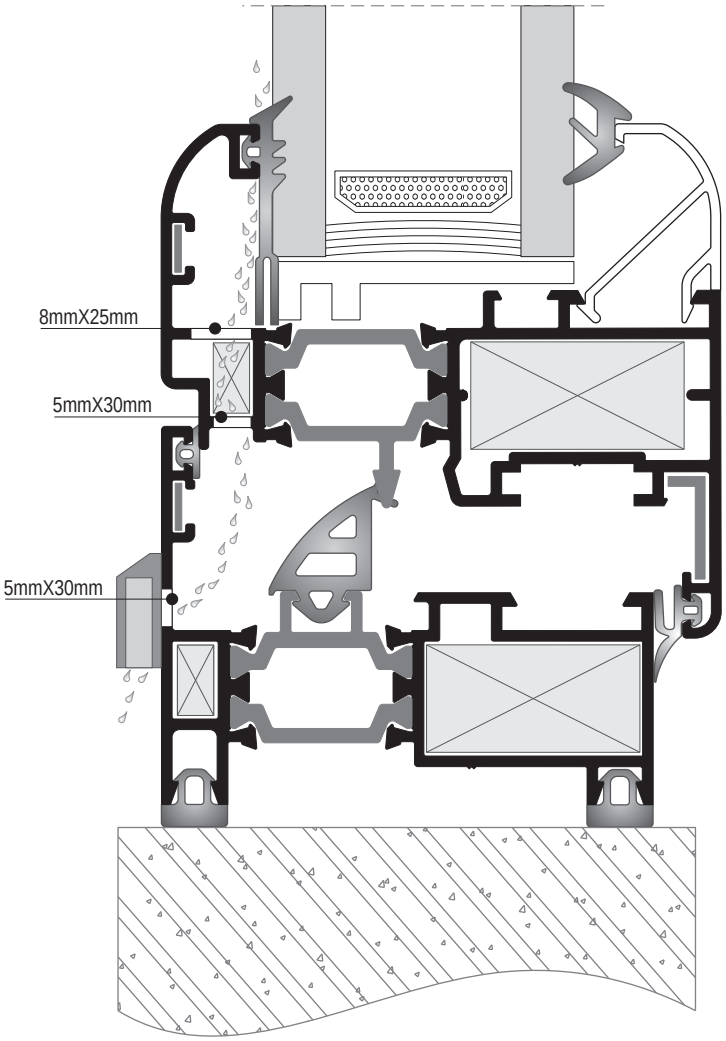


TOMH/SECTION **A**

ΜΟΝΟΦΥΛΛΑ - ΔΙΦΥΛΛΑ ΠΑΡΑΘΥΡΑ
SINGLE - DOUBLE SASHES WINDOWS

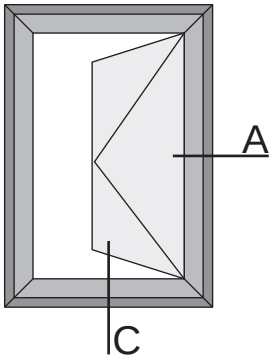


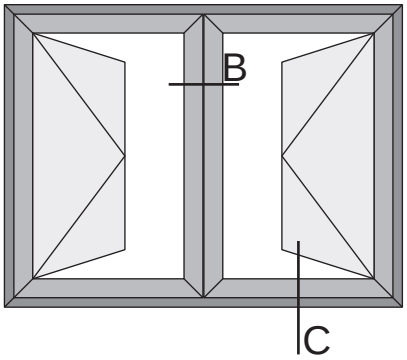
TOMH/SECTION **B**

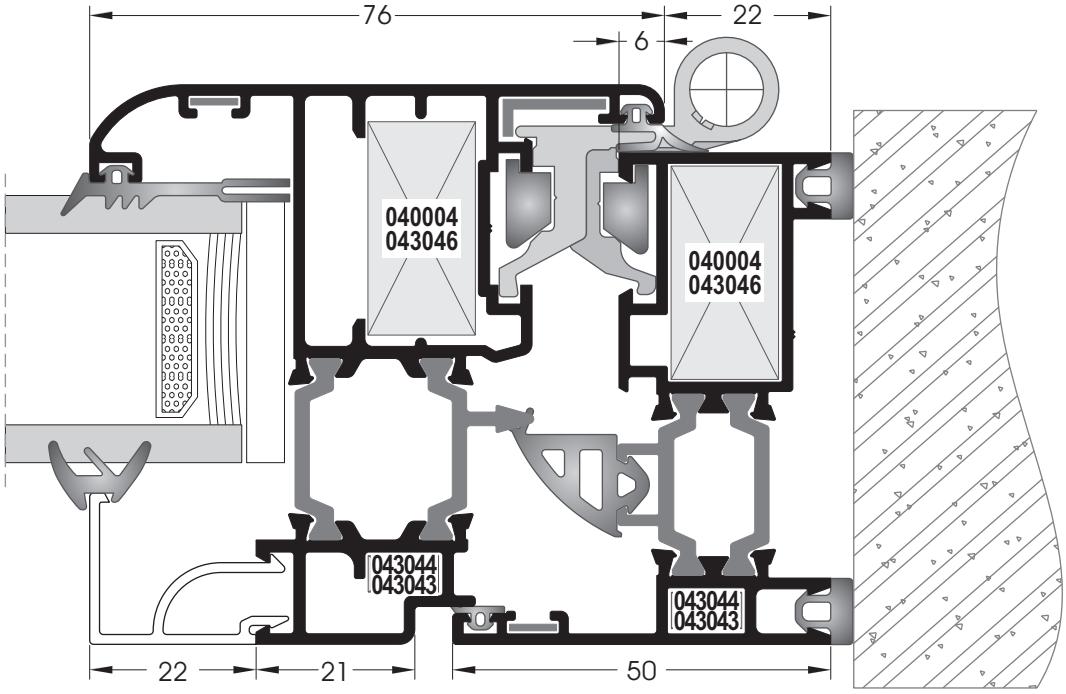


TOMH/SECTION **C**

ΚΛΙΜΑΚΑ / SCALE 1:1

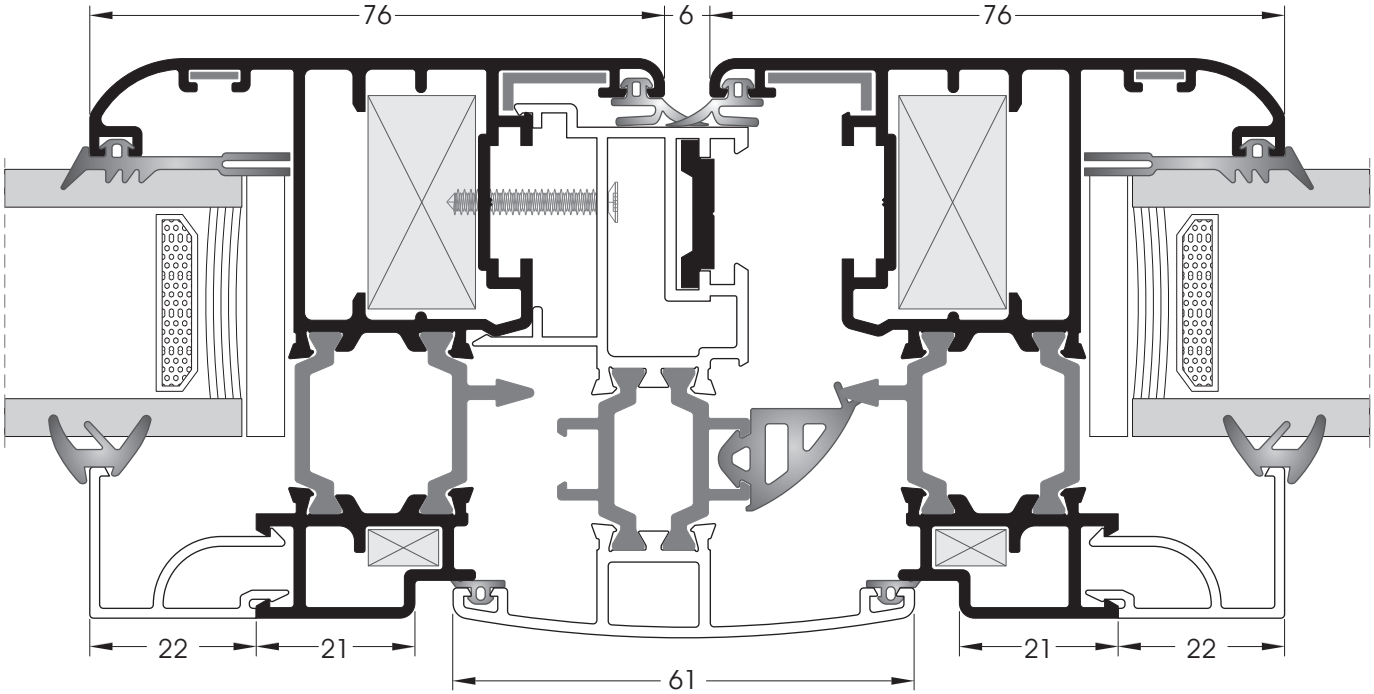




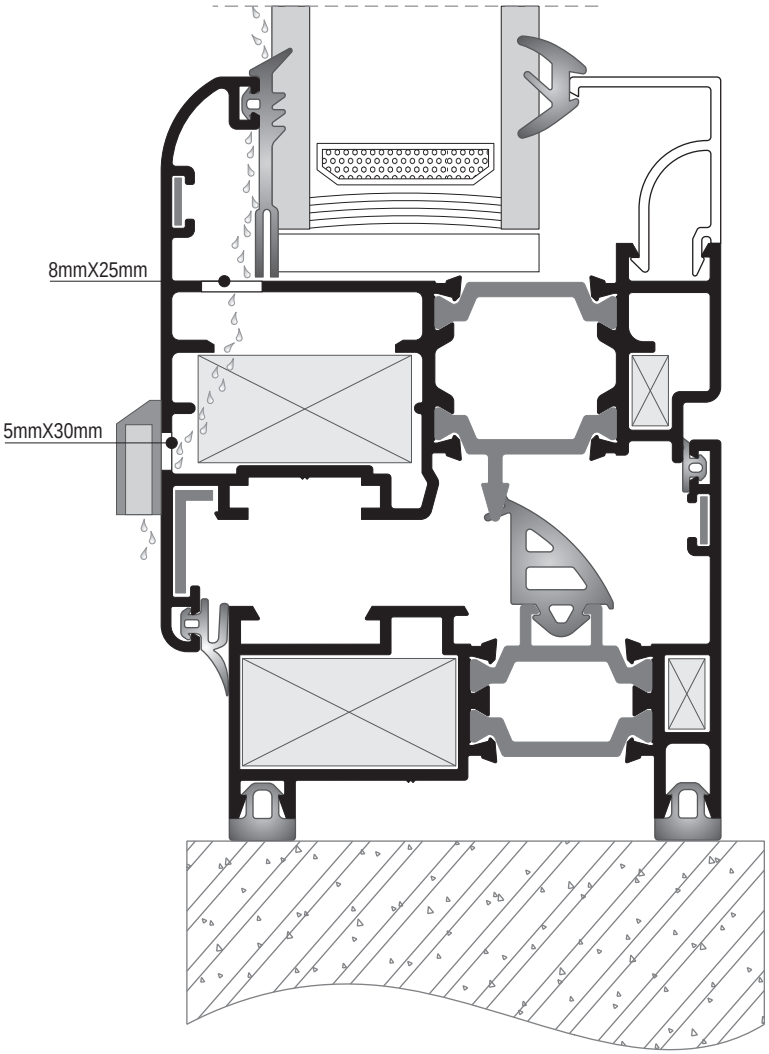


TOMH/SECTION **A**

ΕΞΩΤΕΡΙΚΑ ΑΝΟΙΓΟΜΕΝΑ
EXTERNAL OPENING

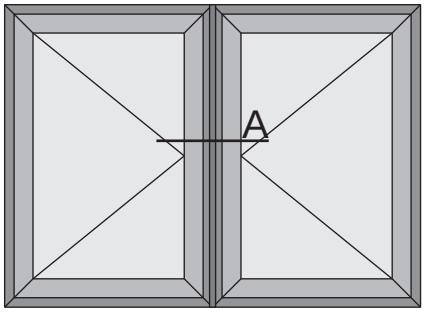


TOMH/SECTION **B**

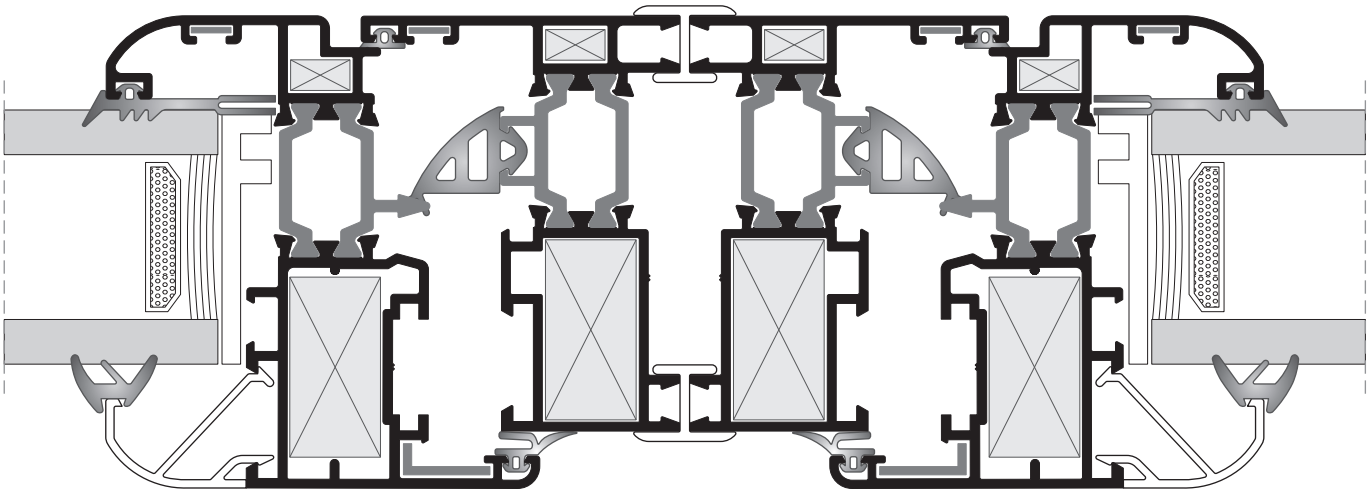


TOMH/SECTION **C**

ΚΛΙΜΑΚΑ / SCALE 1:1

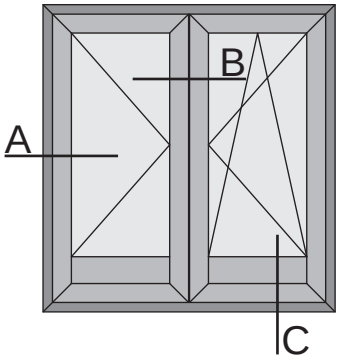


ΤΟΜΗ/SECTION **A**

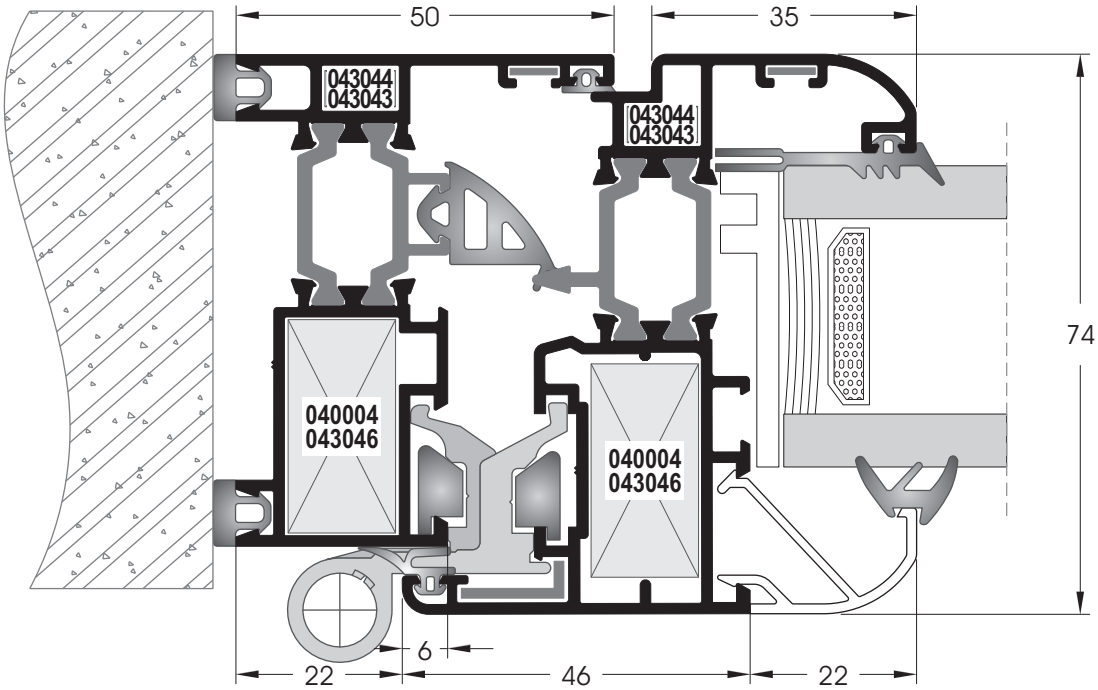


ΕΚΤΟΣ ΚΛΙΜΑΚΑΣ / OFF SCALE

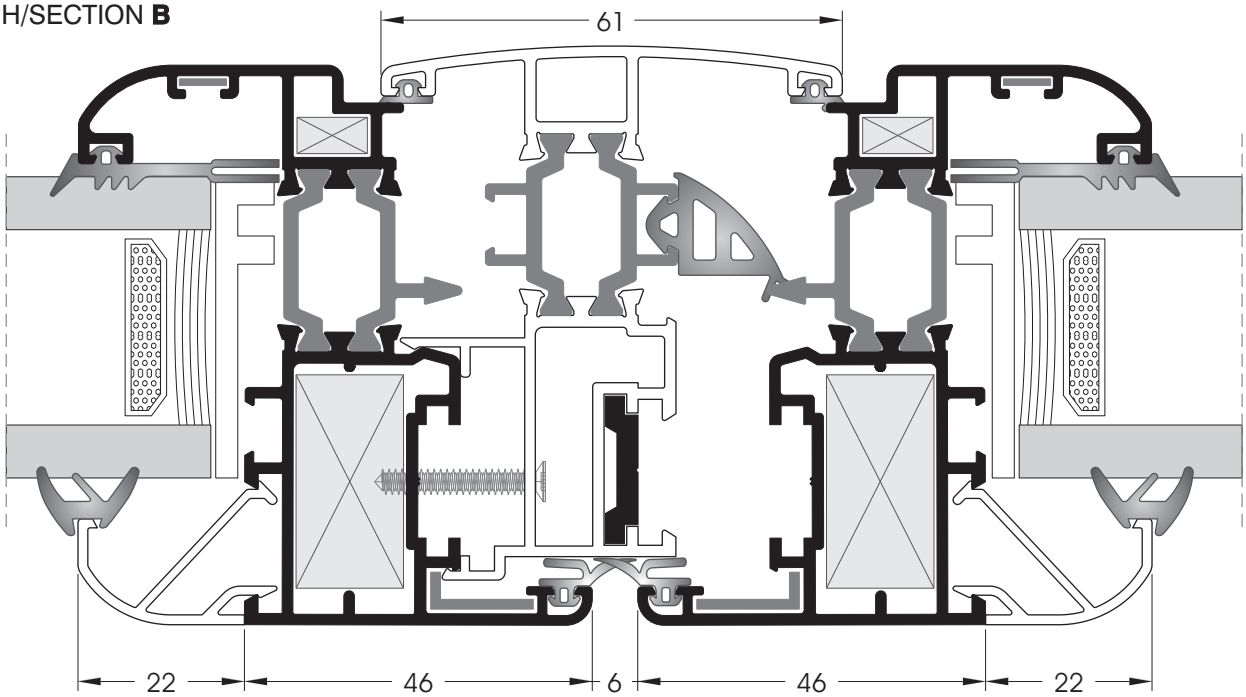
ΜΠΑΛΚΟΝΟΠΟΡΤΑ
BALCONY DOOR



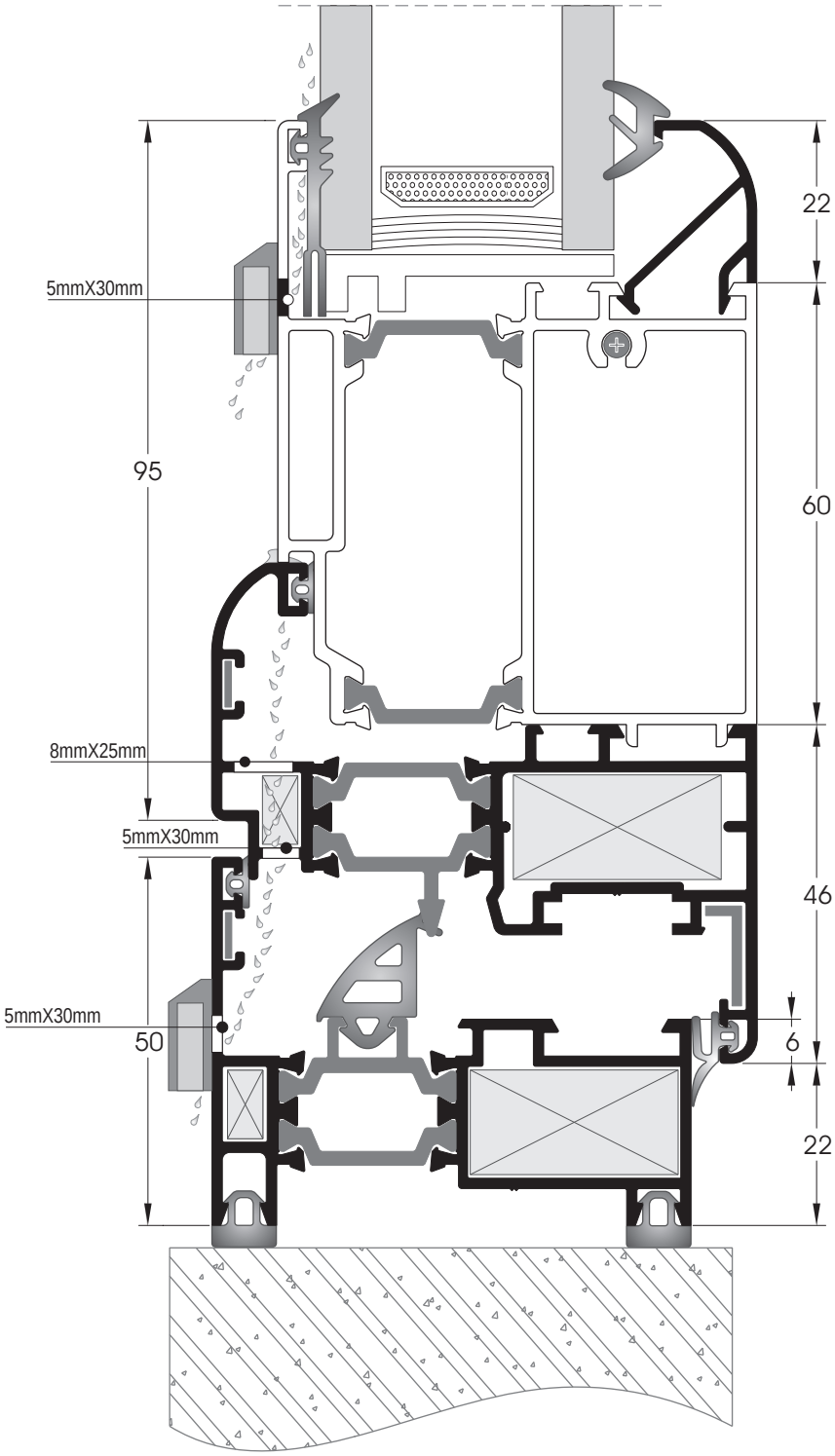
TOMH/SECTION **A**



TOMH/SECTION **B**

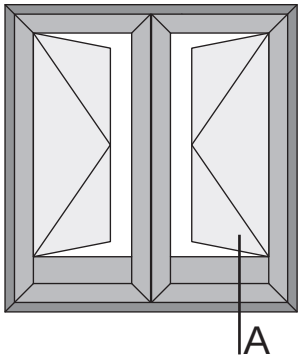


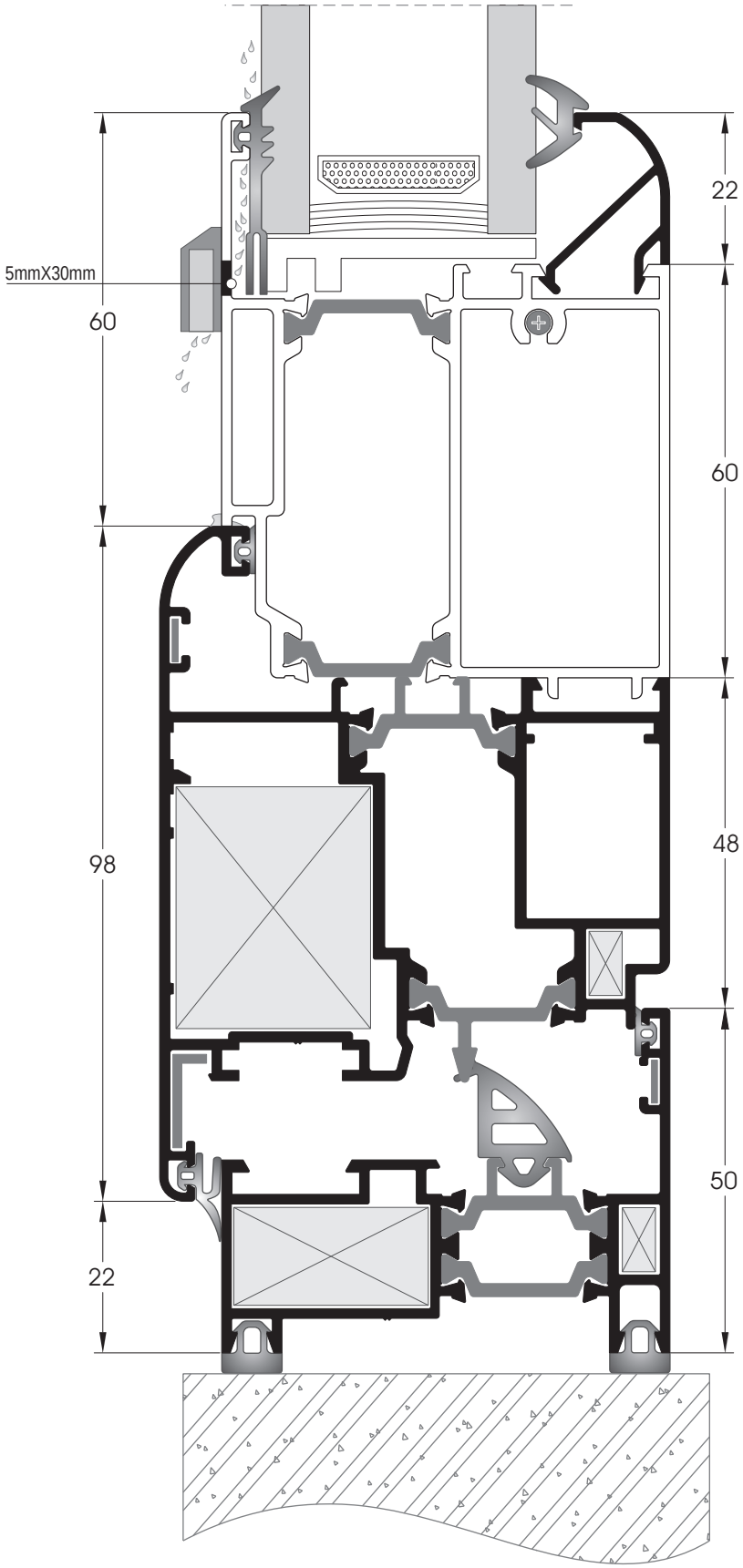
ΚΛΙΜΑΚΑ / SCALE 1:1



TOMH/SECTION **C**

ΜΠΑΛΚΟΝΟΠΟΡΤΑ ΕΞΩΤΕΡΙΚΑ ΑΝΟΙΓΟΜΕΝΗ
EXTERNAL OPENING BALCONY DOOR

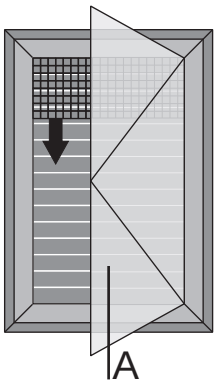




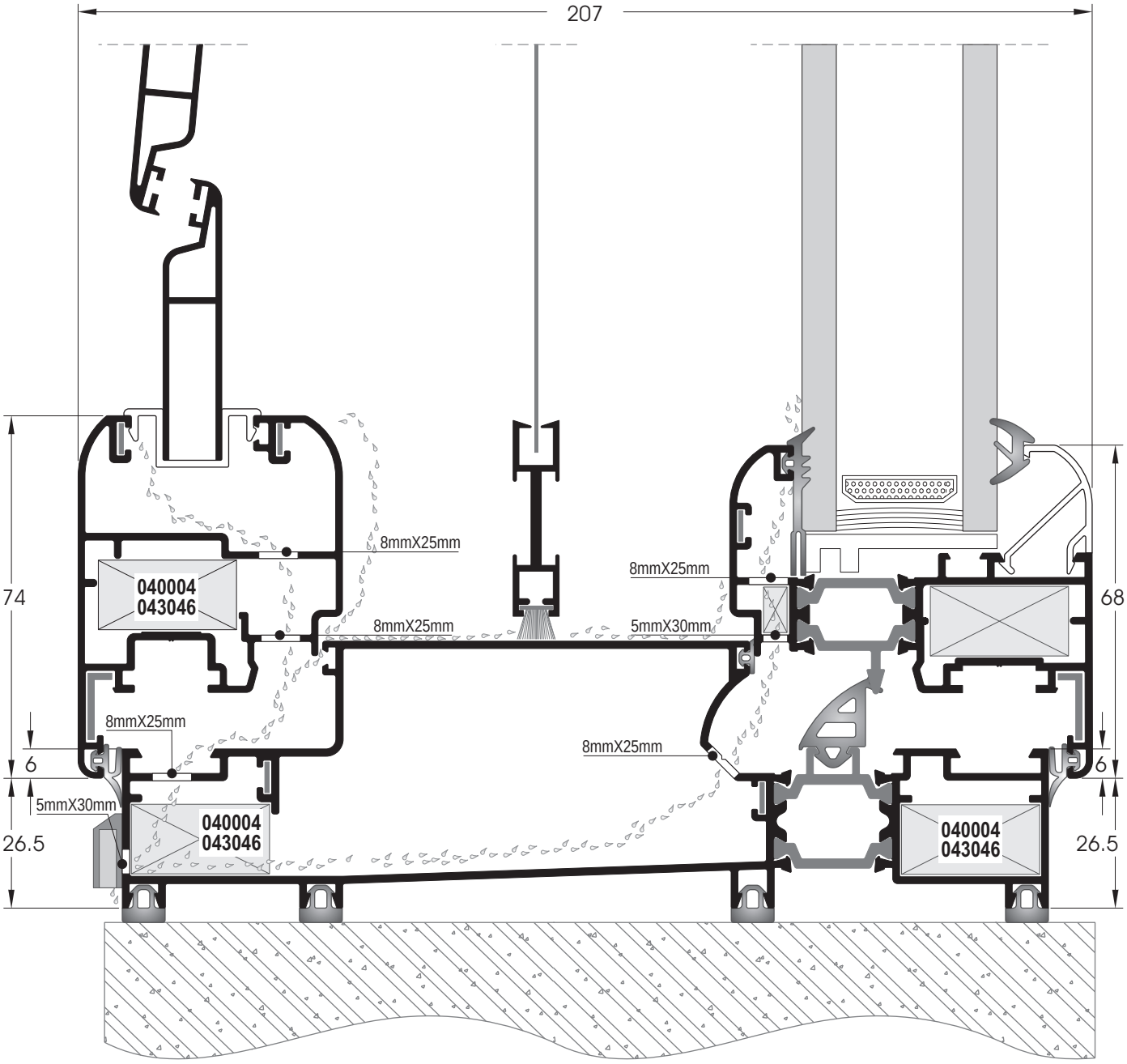
TOMH/SECTION **A**

ΚΛΙΜΑΚΑ / SCALE 1:1

ΜΟΝΟΦΥΛΛΟ ΠΑΡΑΘΥΡΟ
SINGLE SASH WINDOW

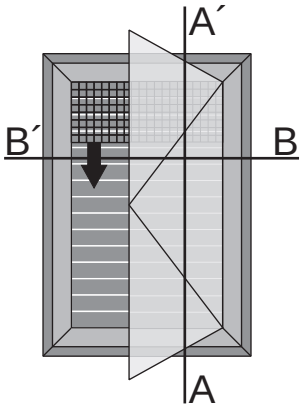


ΤΟΜΗ/SECTION **A**

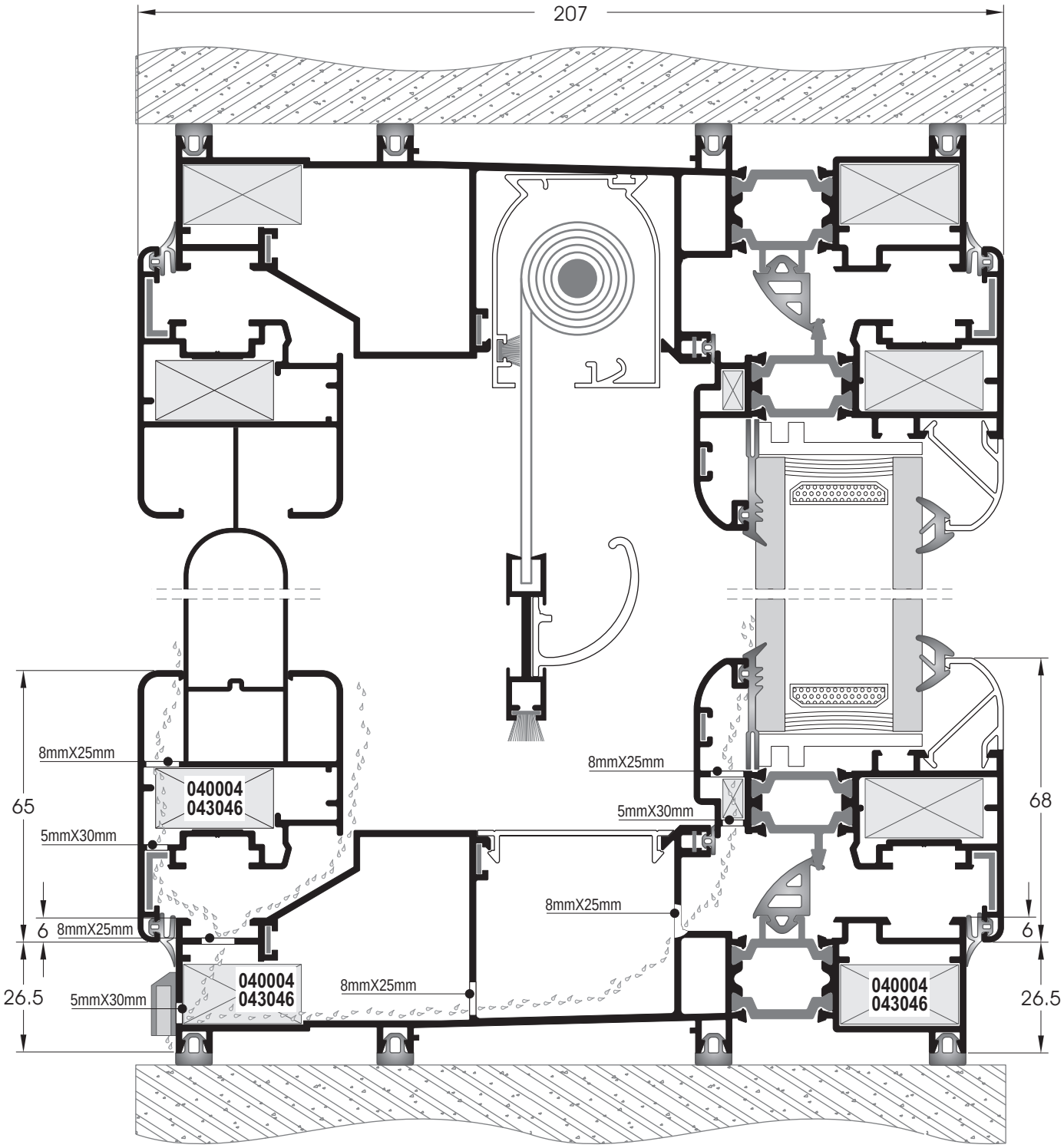


ΕΚΤΟΣ ΚΛΙΜΑΚΑΣ / OFF SCALE

ΜΟΝΟΦΥΛΛΟ ΠΑΡΑΘΥΡΟ
SINGLE SASH WINDOW

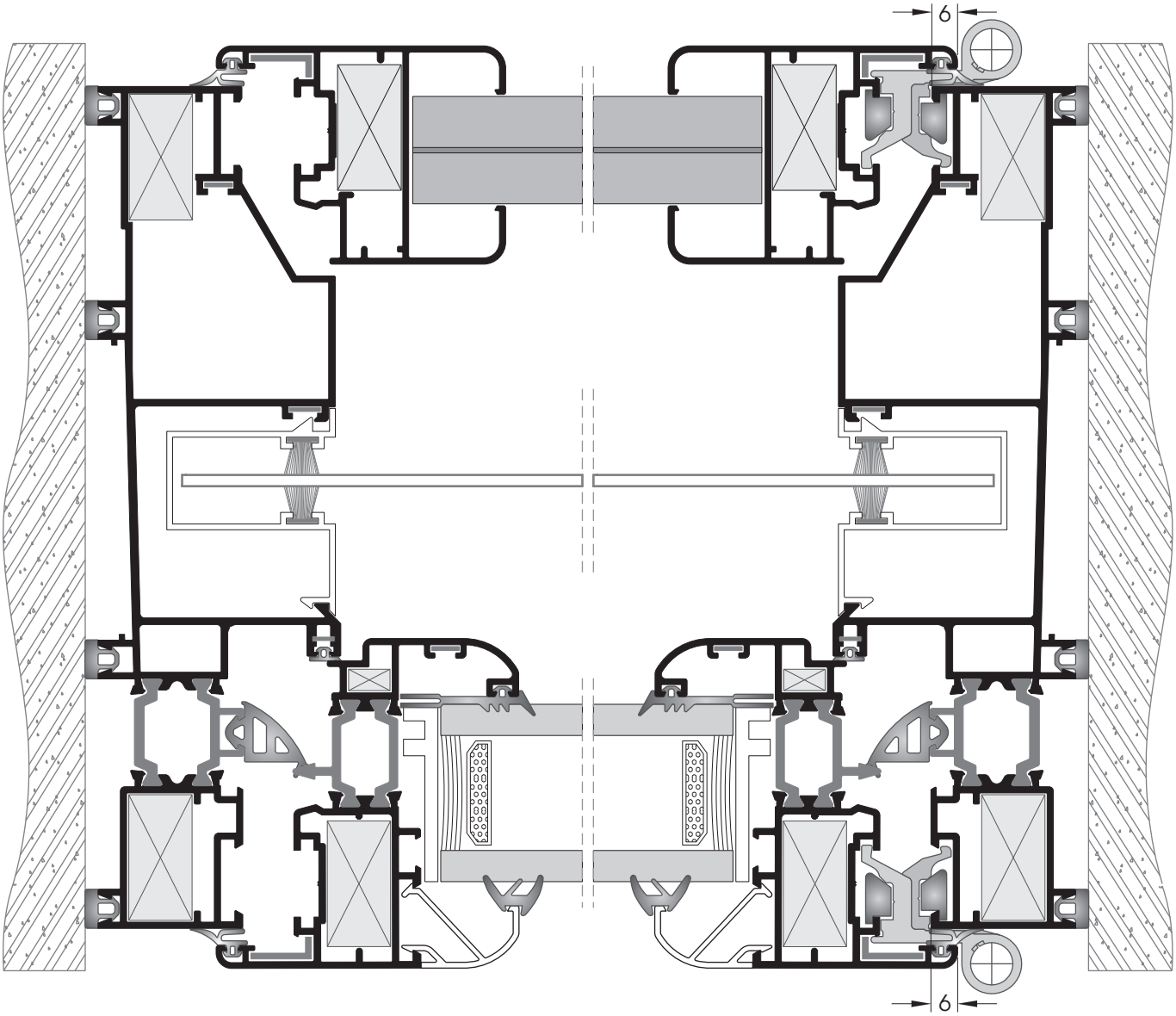


TOMH/SECTION **A - A´**



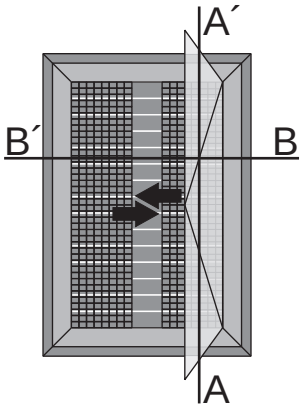
ΕΚΤΟΣ ΚΛΙΜΑΚΑΣ / OFF SCALE

TOMH/SECTION **B - B΄**

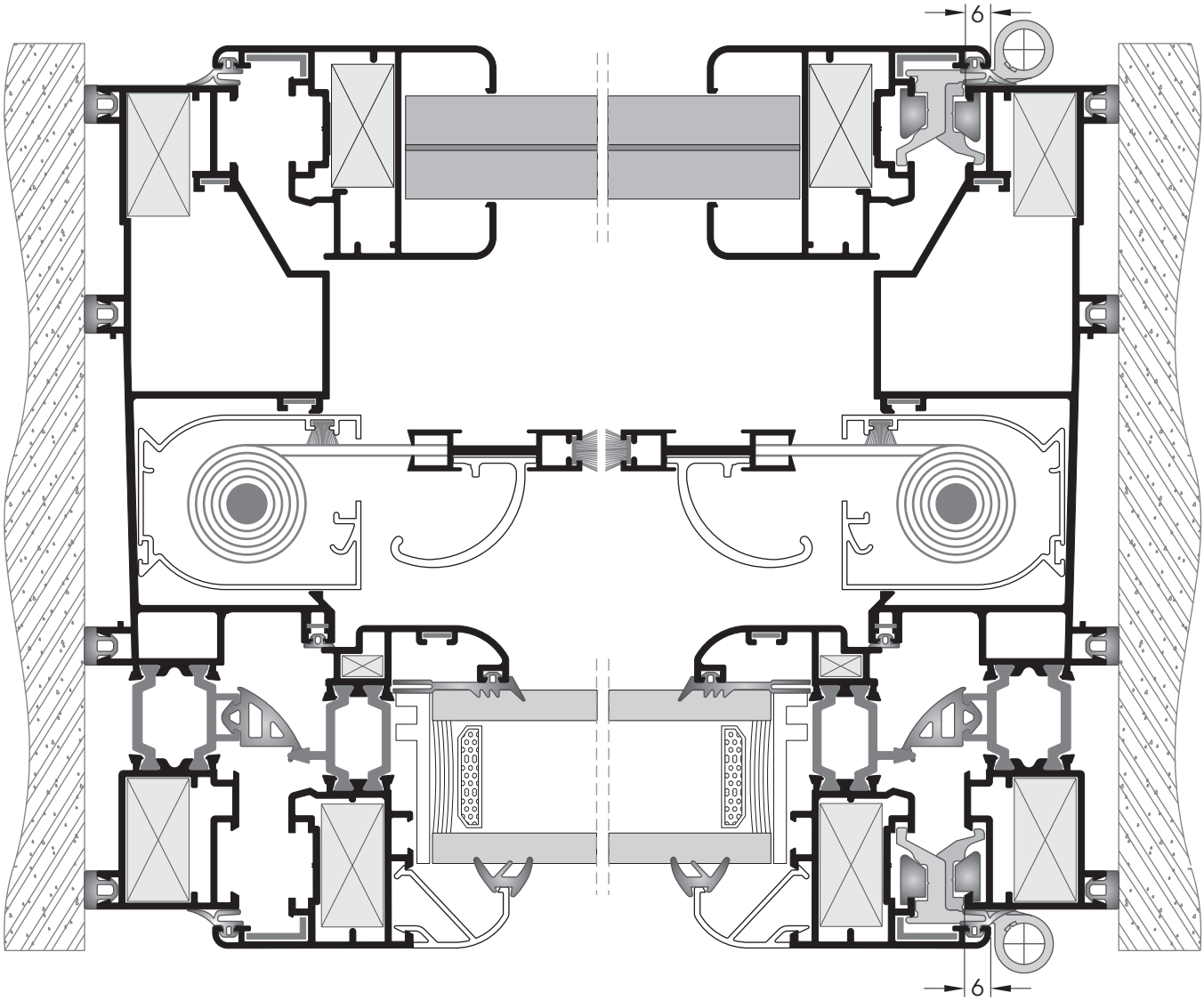


ΕΚΤΟΣ ΚΛΙΜΑΚΑΣ / OFF SCALE

ΜΟΝΟΦΥΛΛΟ ΠΑΡΑΘΥΡΟ
SINGLE SASH WINDOW

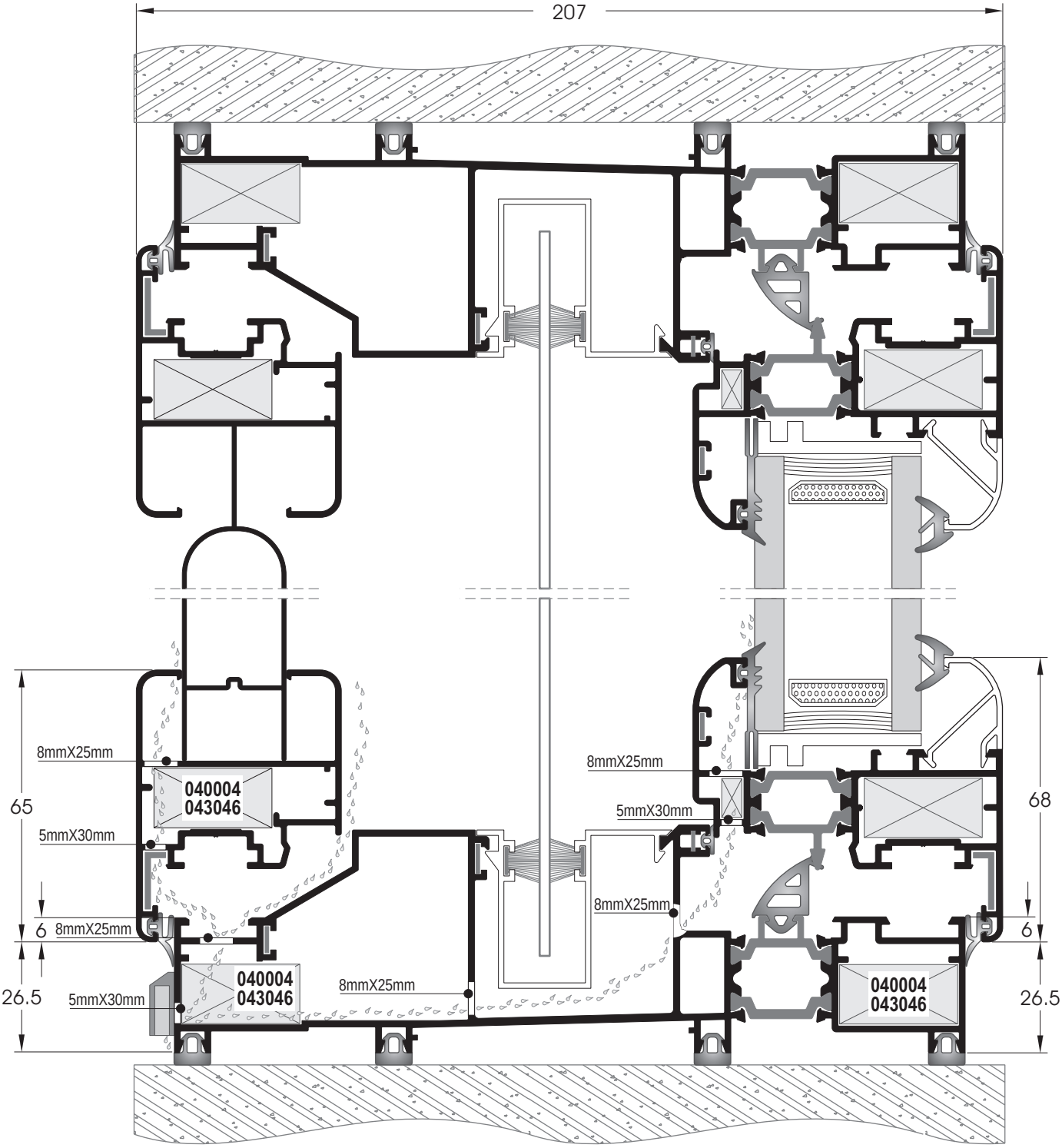


TOMH/SECTION **A - A´**



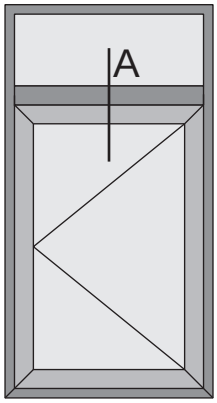
ΕΚΤΟΣ ΚΛΙΜΑΚΑΣ / OFF SCALE

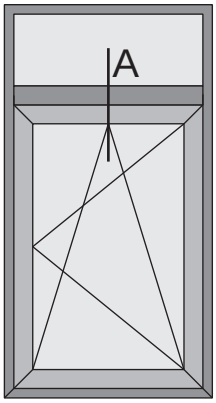
TOMH/SECTION **B - B΄**

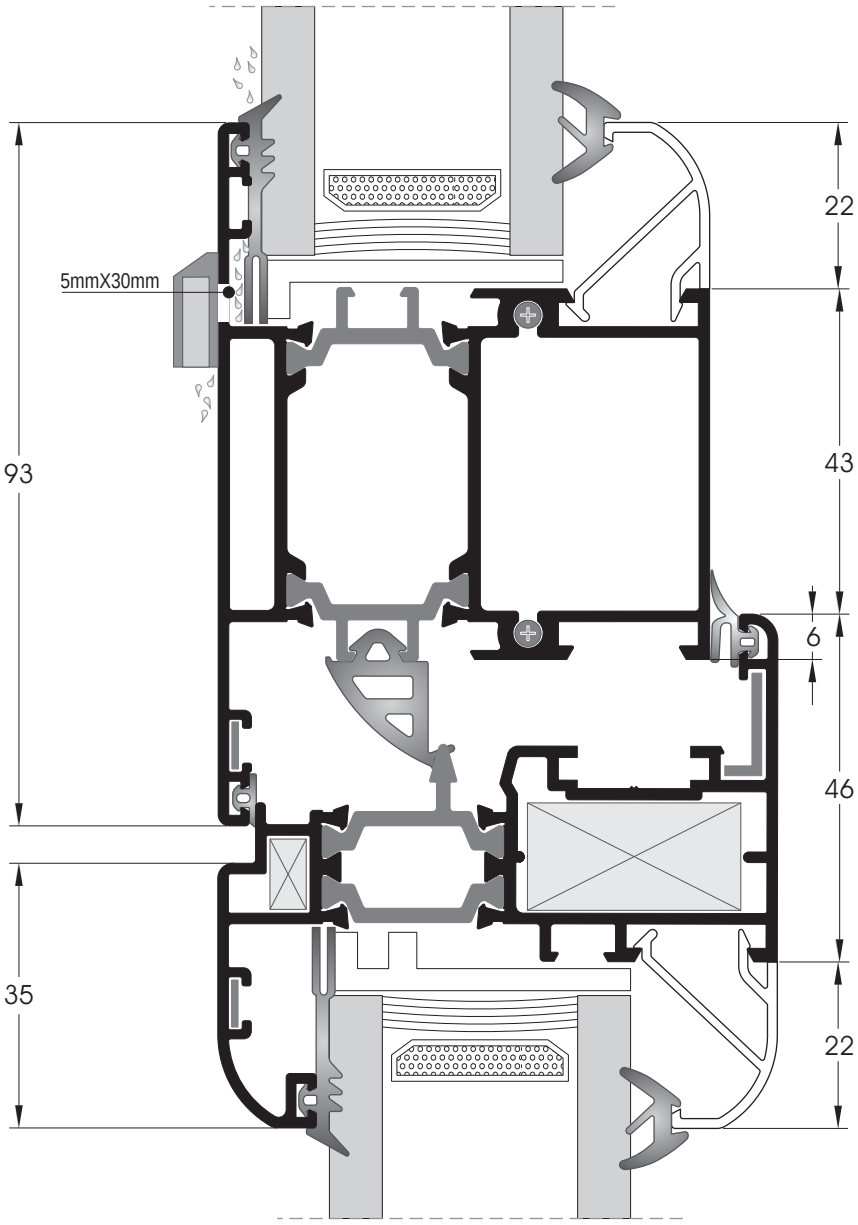


ΕΚΤΟΣ ΚΛΙΜΑΚΑΣ / OFF SCALE

ΜΟΝΟΦΥΛΛΟ ΑΝΟΙΓΟΜΕΝΟ ΜΕ ΣΤΑΘΕΡΟ
SINGLE SASH WINDOW WITH FIXED WINDOW

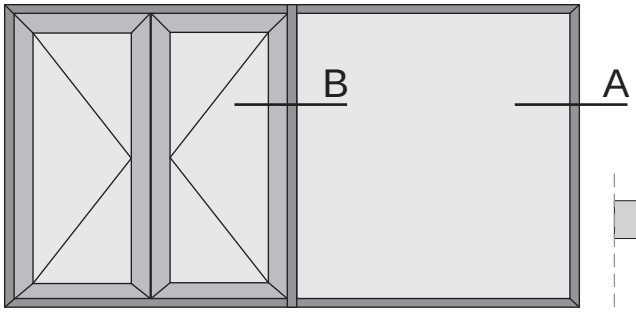




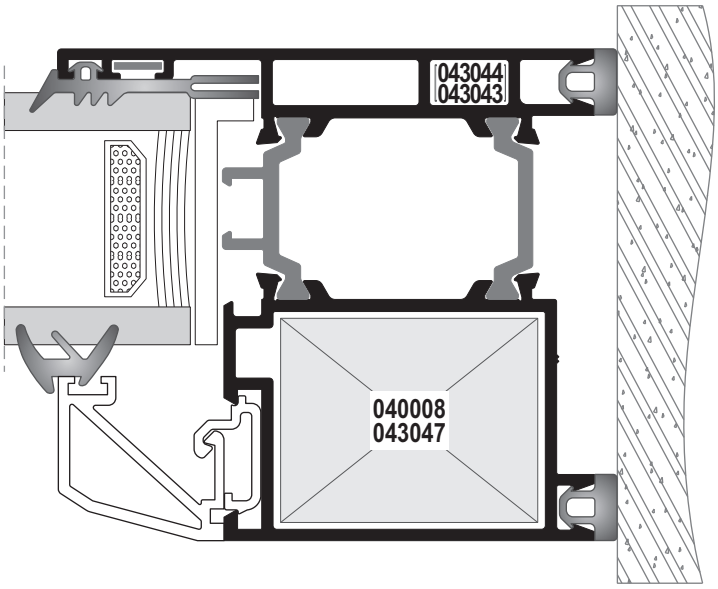


TOMH/SECTION **A**

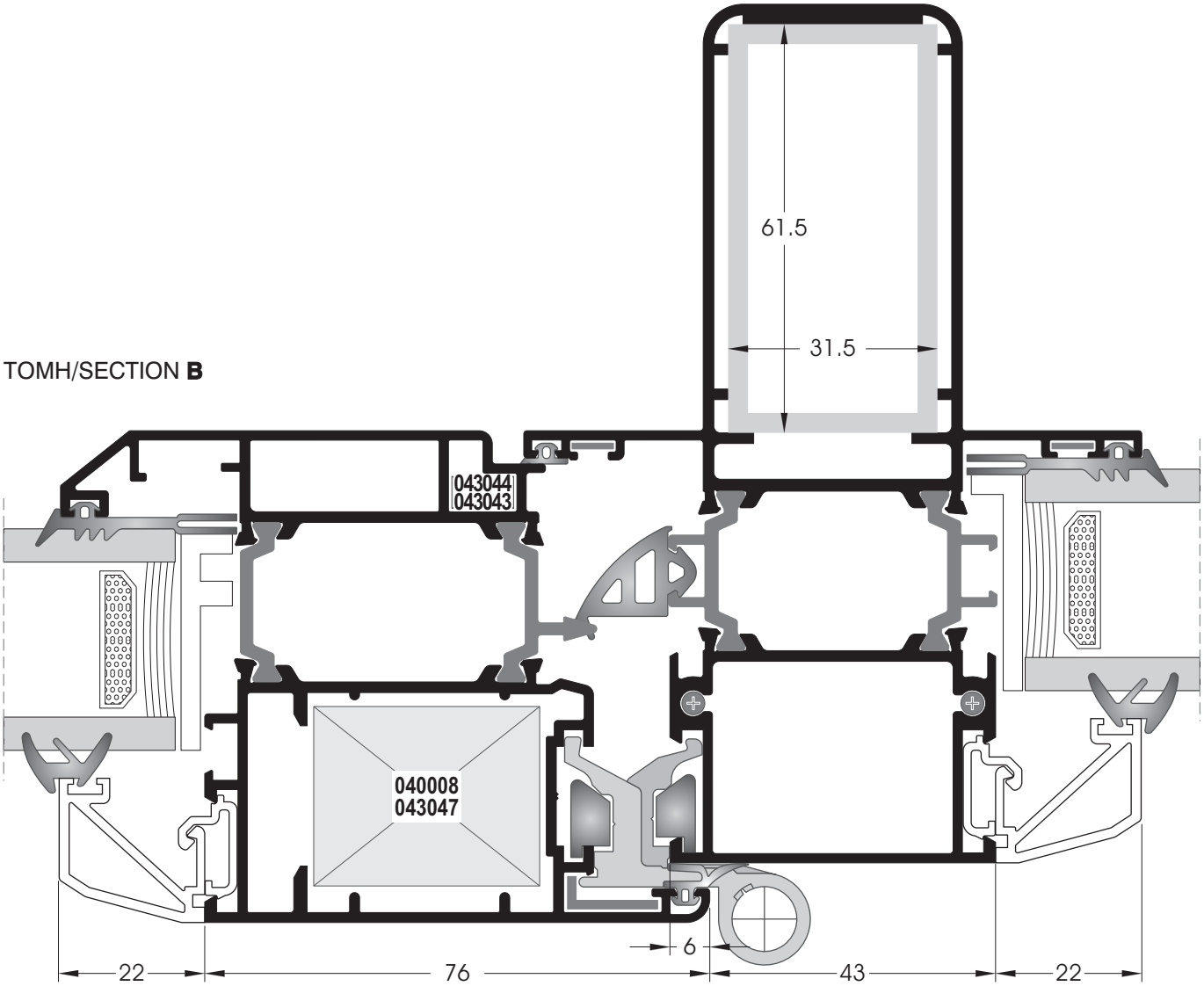
ΜΠΑΛΚΟΝΟΠΟΡΤΑ ΜΕ ΣΤΑΘΕΡΟ
BALCONY DOOR WITH FIXED WINDOW



TOMH/SECTION **A**

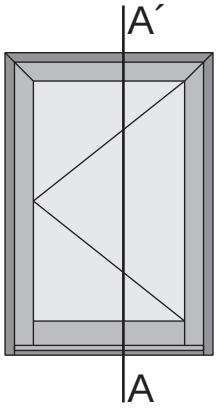


TOMH/SECTION **B**

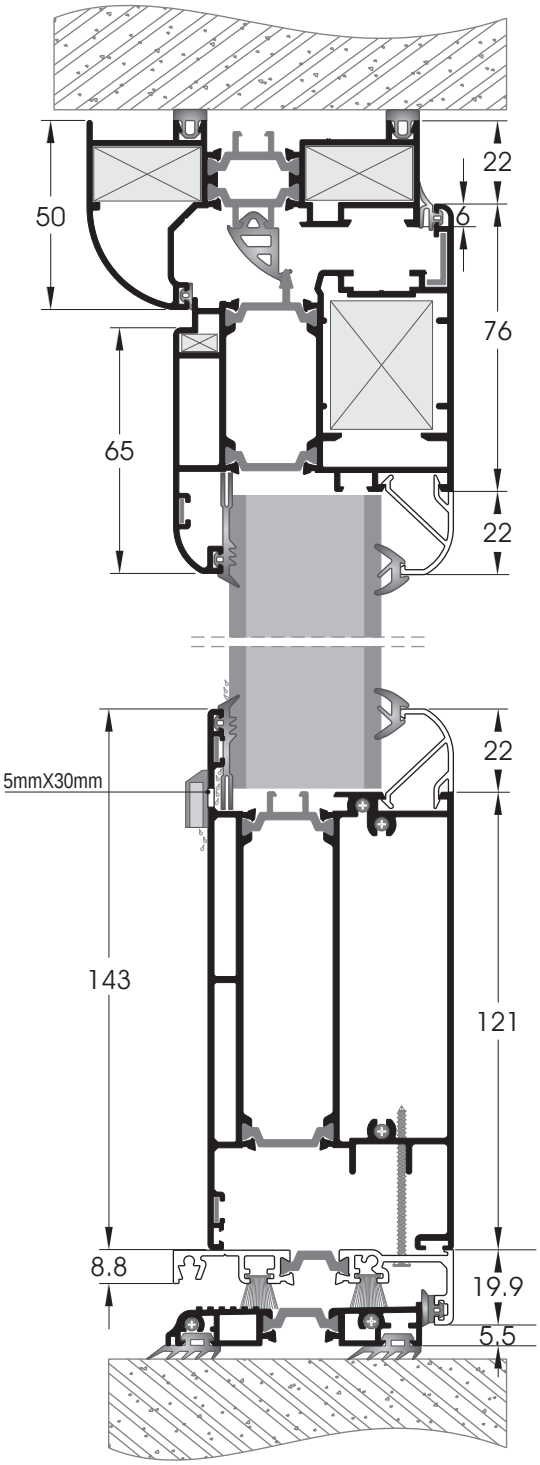


ΚΛΙΜΑΚΑ / SCALE 1:1

ΚΥΡΙΑ ΕΙΣΟΔΟΣ ΜΕ ΧΡΗΣΗ ΤΑΜΠΛΑ
ENTRANCE DOOR WITH TRANSOM PROFILE

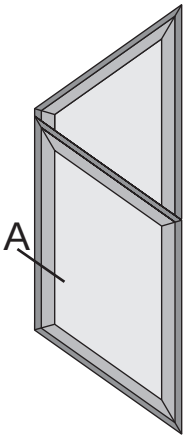


TOMH/SECTION **A - A´**

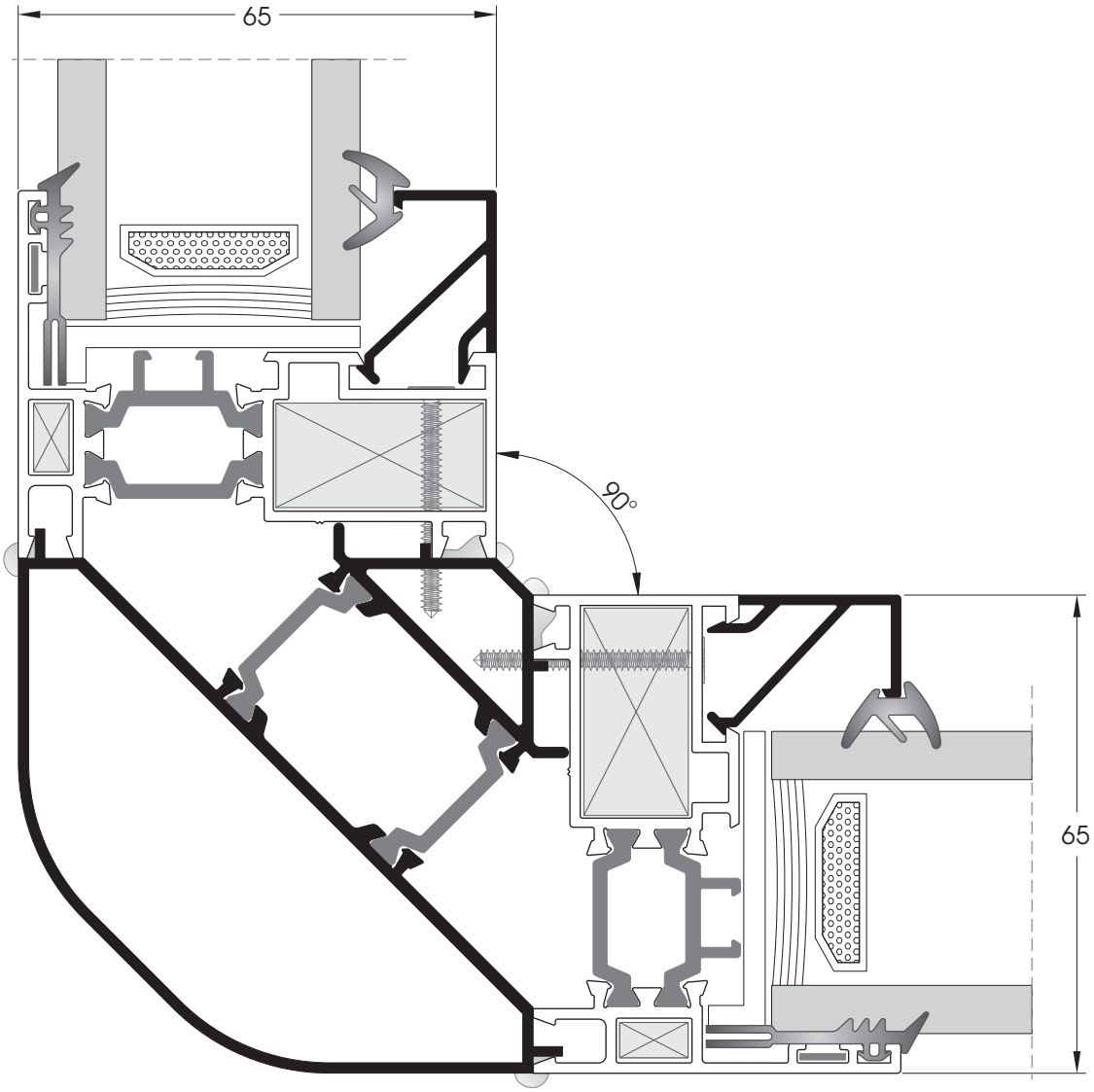


ΚΛΙΜΑΚΑ / SCALE 1:2

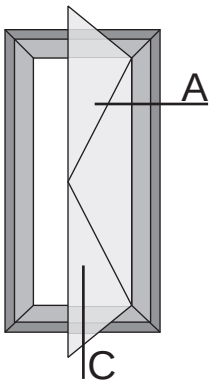
ΓΩΝΙΑΚΗ ΚΑΤΑΣΚΕΥΗ 90°
CORNER CONSTRUCTION 90°

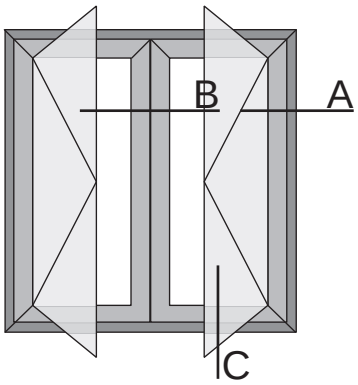


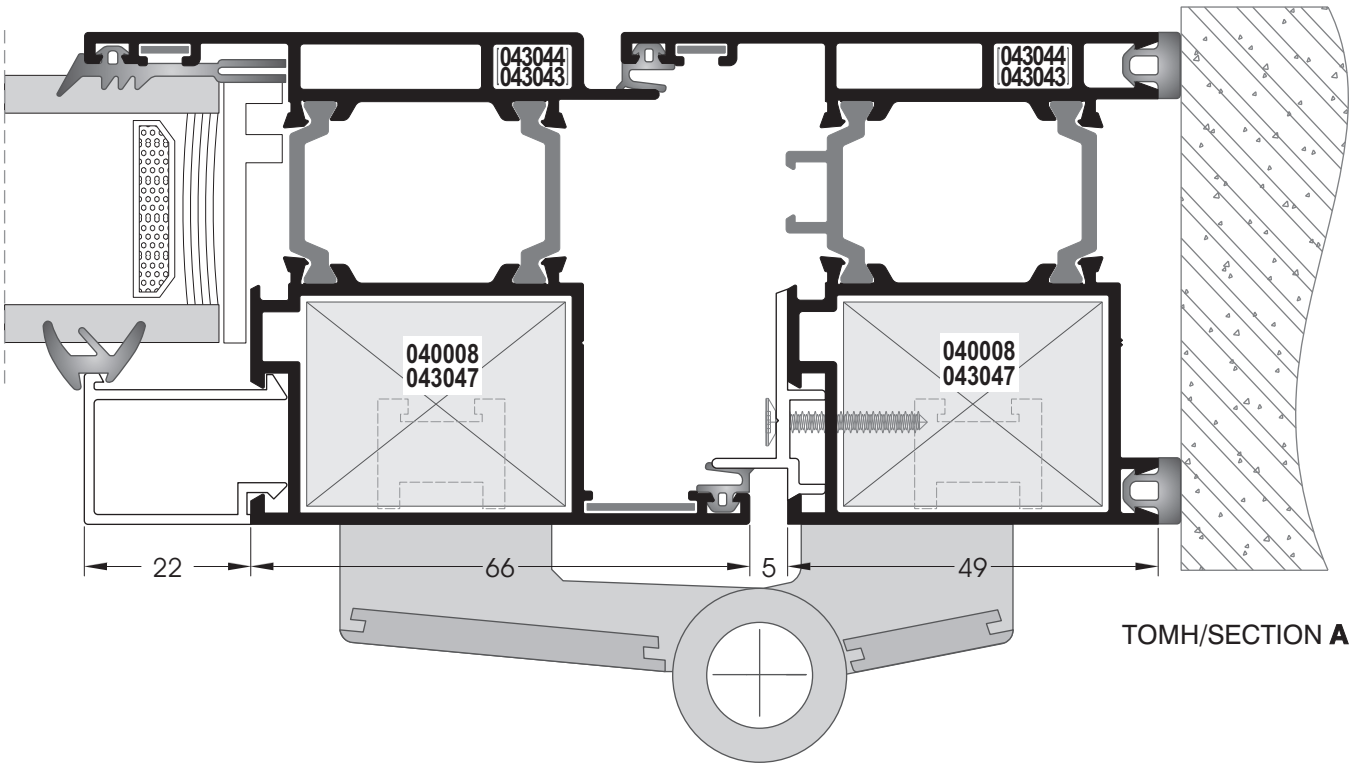
TOMH/SECTION **A**



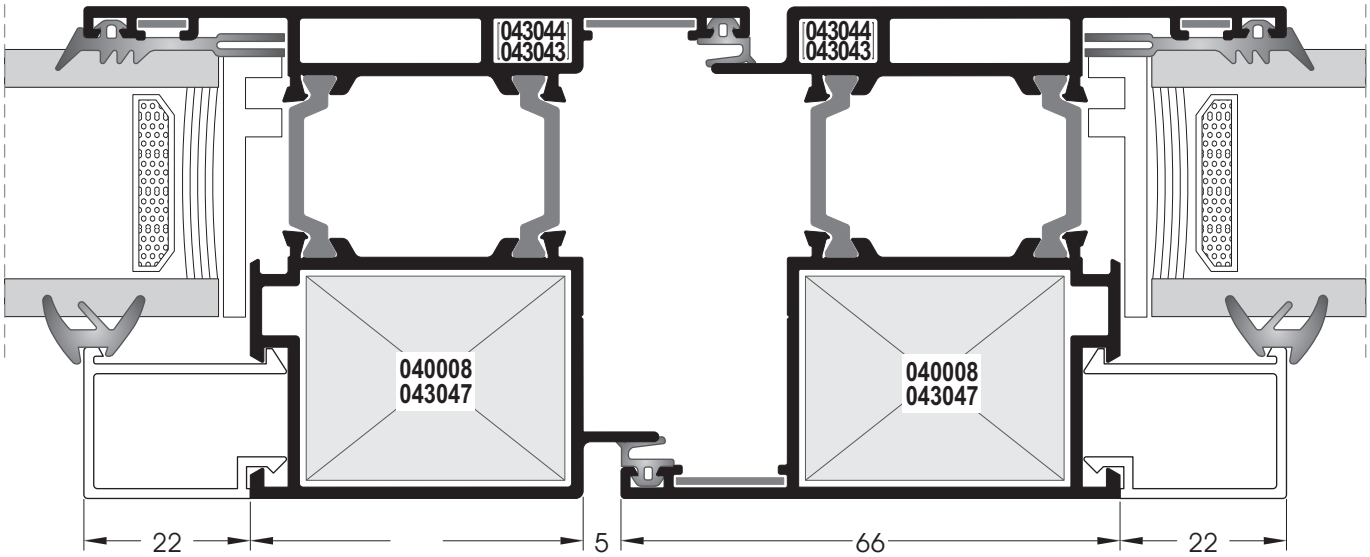
ΠΑΡΑΘΥΡΑ & ΠΟΡΤΕΣ ΕΣΩΤΕΡΙΚΑ ΑΝΟΙΓΟΜΕΝΕΣ COPLANAR
INTERNAL OPENING WINDOWS & DOORS COPLANAR







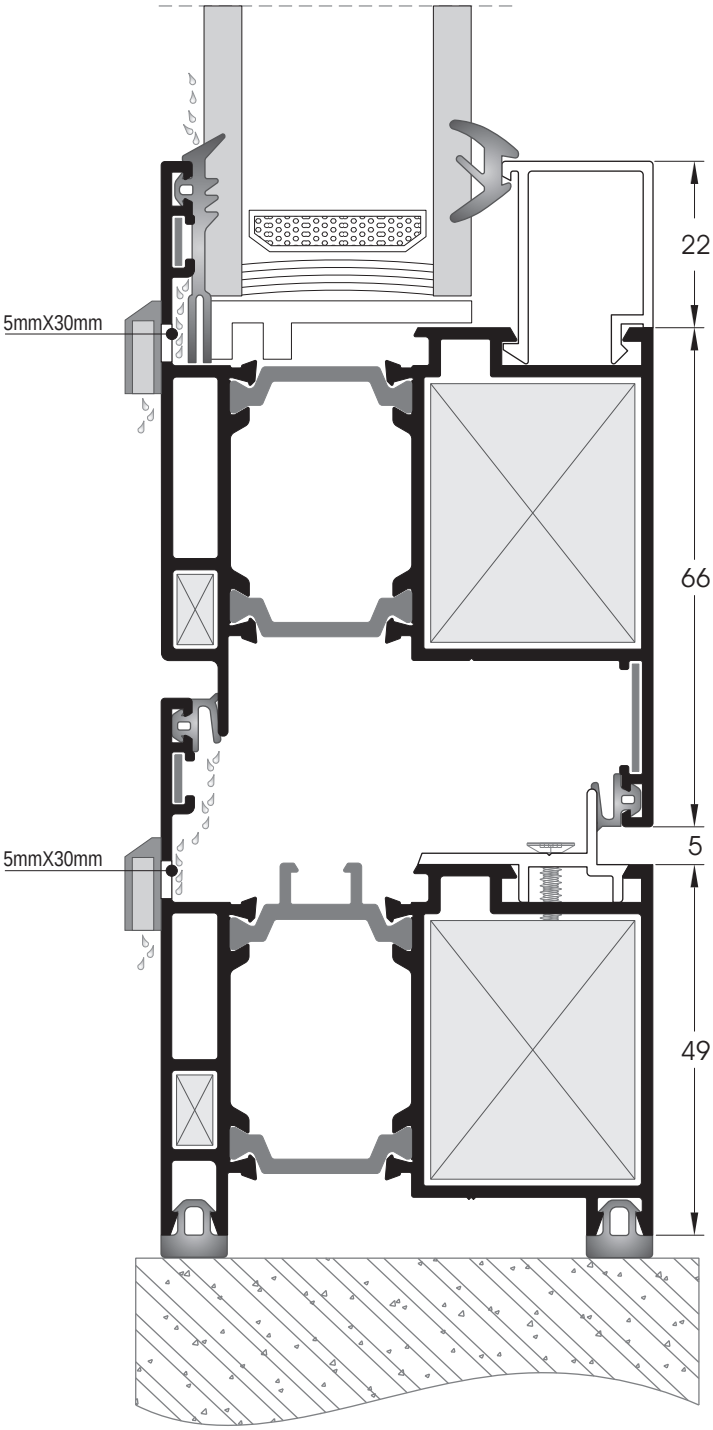
TOMH/SECTION **A**



TOMH/SECTION **B**

ΤΟΜΕΣ / SECTIONS

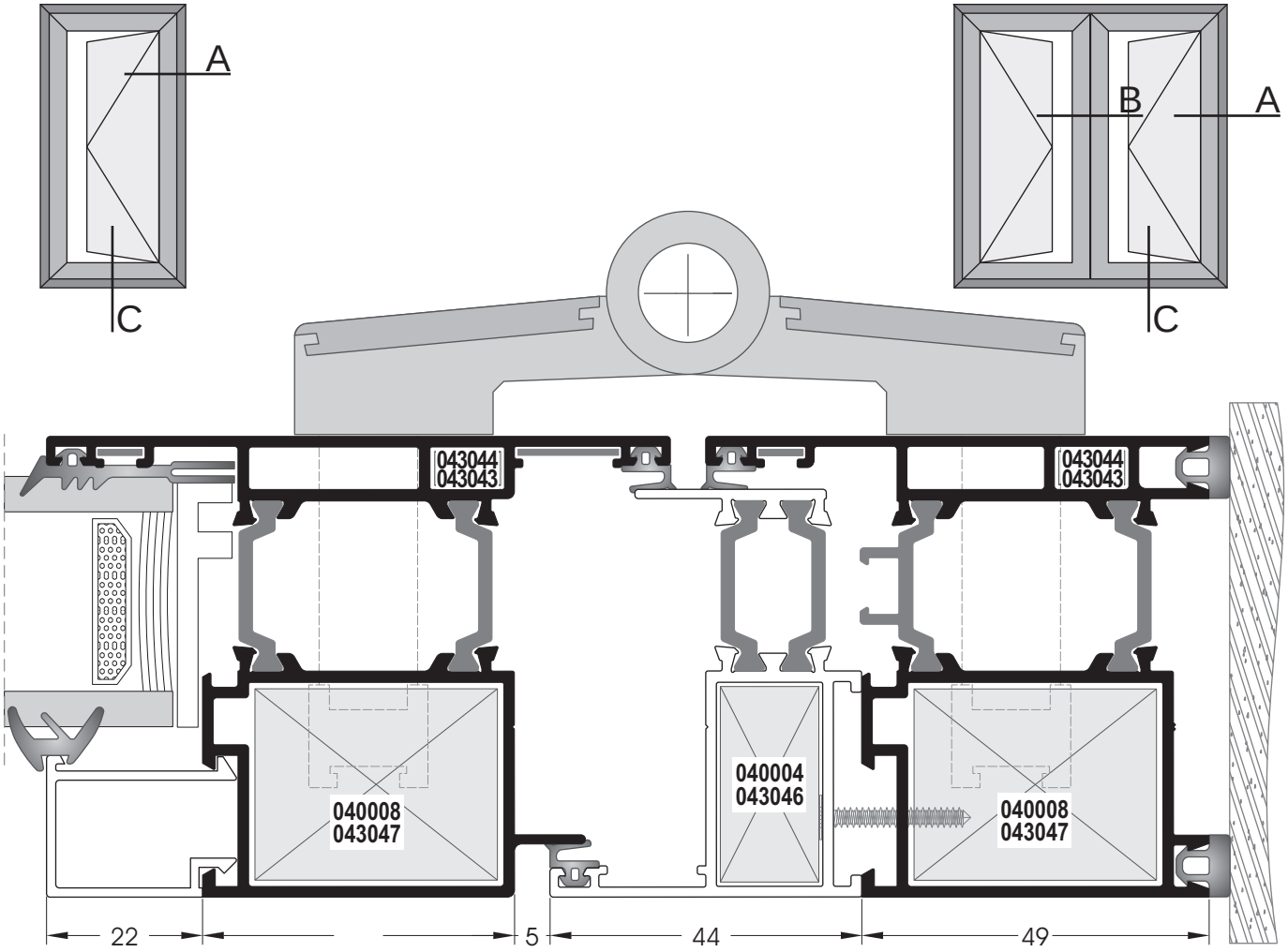
ΠΑΡΑΘΥΡΑ & ΠΟΡΤΕΣ ΕΣΩΤΕΡΙΚΑ ΑΝΟΙΓΟΜΕΝΕΣ COPLANAR
INTERNAL OPENING WINDOWS & DOORS COPLANAR



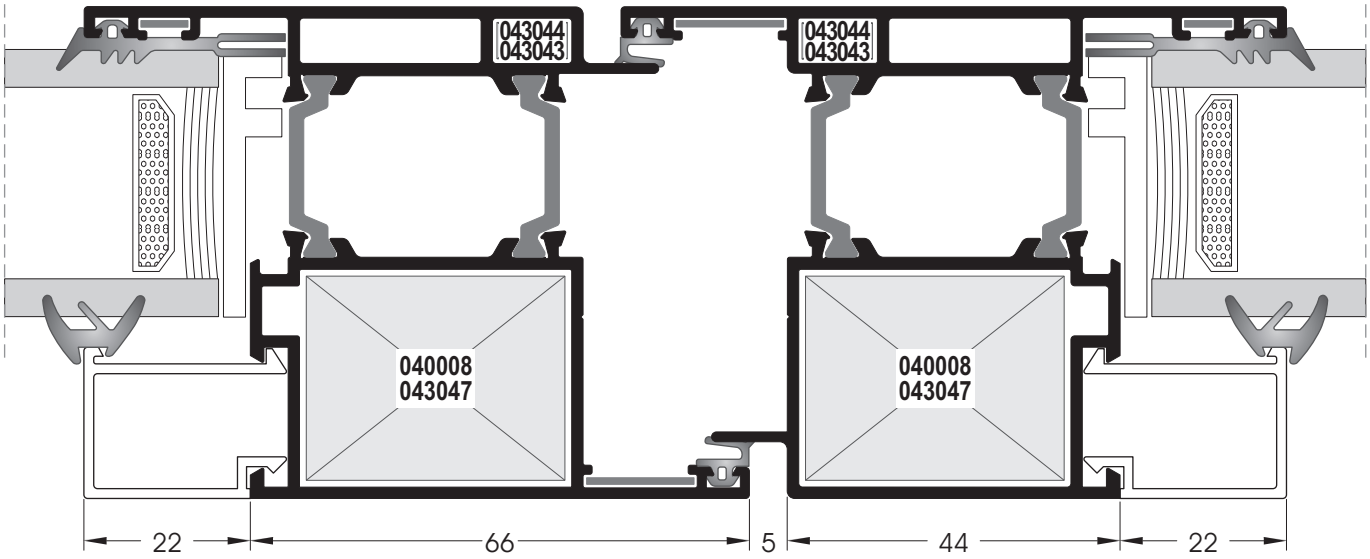
TOMH/SECTION **C**

ΚΛΙΜΑΚΑ / SCALE 1:1

ΠΑΡΑΘΥΡΑ & ΠΟΡΤΕΣ ΕΞΩΤΕΡΙΚΑ ΑΝΟΙΓΟΜΕΝΕΣ COPLANAR
EXTERNAL OPENING WINDOWS & DOORS COPLANAR

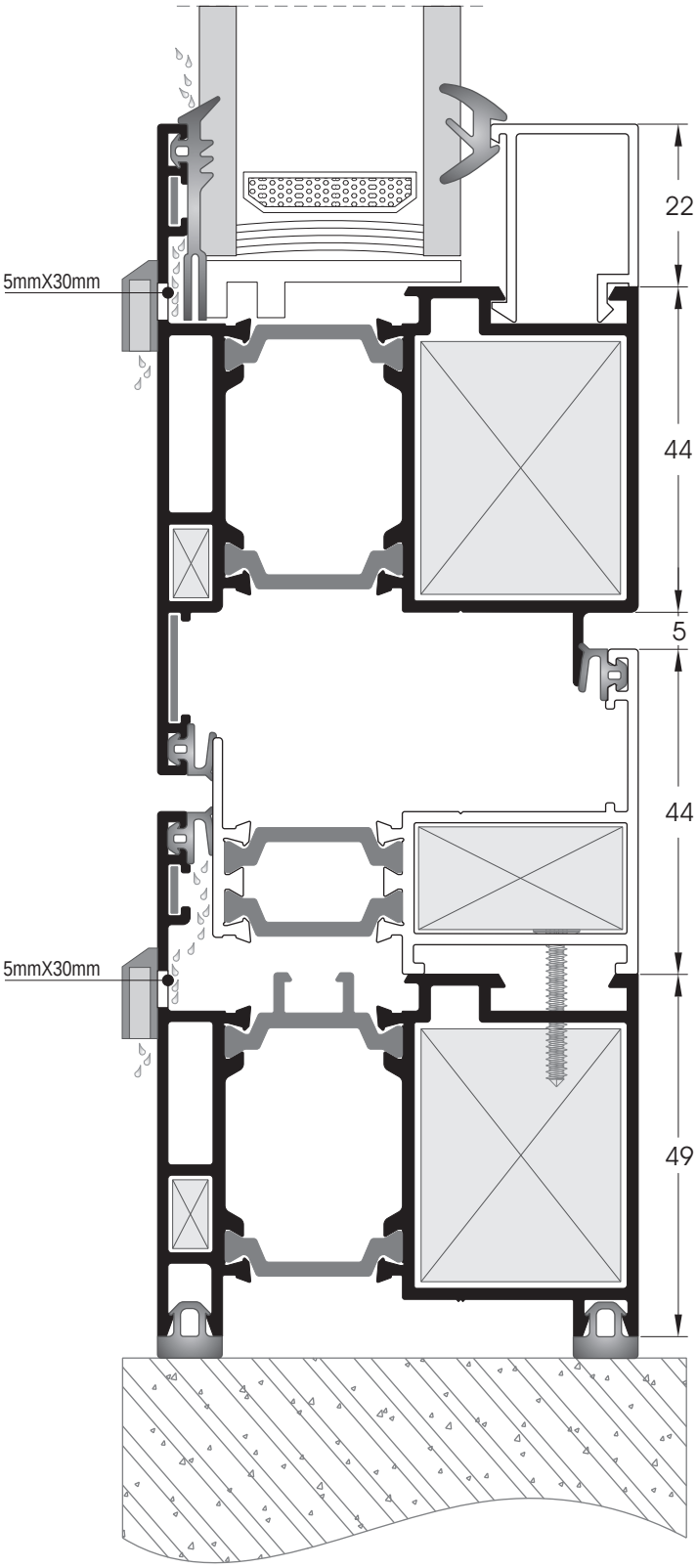


TOMH/SECTION **A**



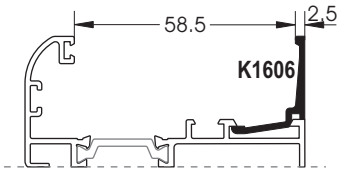
TOMH/SECTION **B**

ΚΛΙΜΑΚΑ / SCALE 1:1

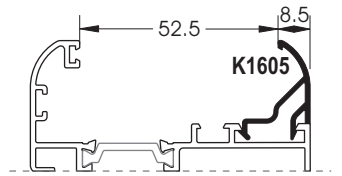


TOMH/SECTION **C**

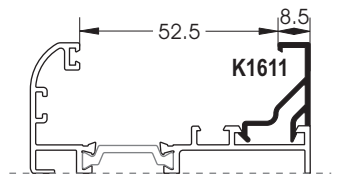
015009	015010	015002	015004	015006
A	B	C	D	E
2mm	2.5mm	3 & 4mm	5 & 6mm	7 & 8mm



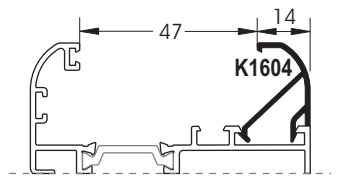
ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	Ⓐ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)	Ⓑ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)
K1606	2.5	A + C(3mm)	53	B + C(3mm)	53
		A + C(4mm)	52	B + C(4mm)	52
		A + D(5mm)	51	B + D(5mm)	51
		A + D(6mm)	50	B + D(6mm)	50
		A + E(7mm)	49	B + E(7mm)	49
		A + E(8mm)	48	B + E(8mm)	48



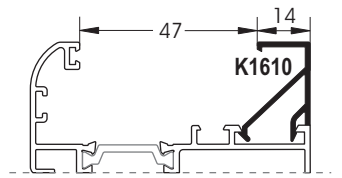
ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	Ⓐ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)	Ⓑ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)
K1605	8.5	A + C(3mm)	47	B + C(3mm)	47
		A + C(4mm)	46	B + C(4mm)	46
		A + D(5mm)	45	B + D(5mm)	45
		A + D(6mm)	44	B + D(6mm)	44
		A + E(7mm)	43	B + E(7mm)	43
		A + E(8mm)	42	B + E(8mm)	42



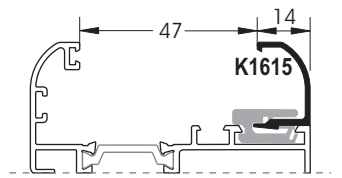
ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	Ⓐ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)	Ⓑ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)
K1611	8.5	A + C(3mm)	47	B + C(3mm)	47
		A + C(4mm)	46	B + C(4mm)	46
		A + D(5mm)	45	B + D(5mm)	45
		A + D(6mm)	44	B + D(6mm)	44
		A + E(7mm)	43	B + E(7mm)	43
		A + E(8mm)	42	B + E(8mm)	42



ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	Ⓐ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)	Ⓑ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)
K1604	14	A + C(3mm)	42	B + C(3mm)	41
		A + C(4mm)	41	B + C(4mm)	40
		A + D(5mm)	40	B + D(5mm)	39
		A + D(6mm)	39	B + D(6mm)	38
		A + E(7mm)	38	B + E(7mm)	37
		A + E(8mm)	37	B + E(8mm)	36

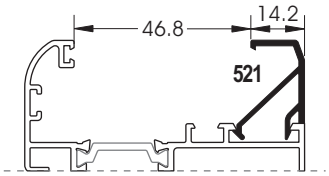


ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	Ⓐ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)	Ⓑ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)
K1610	14	A + C(3mm)	42	B + C(3mm)	41
		A + C(4mm)	41	B + C(4mm)	40
		A + D(5mm)	40	B + D(5mm)	39
		A + D(6mm)	39	B + D(6mm)	38
		A + E(7mm)	38	B + E(7mm)	37
		A + E(8mm)	37	B + E(8mm)	36

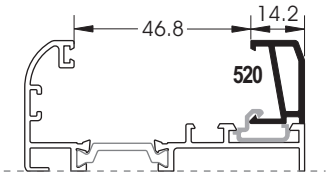


ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	Ⓐ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)	Ⓑ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)
K1615	14	A + C(3mm)	42	B + C(3mm)	41
		A + C(4mm)	41	B + C(4mm)	40
		A + D(5mm)	40	B + D(5mm)	39
		A + D(6mm)	39	B + D(6mm)	38
		A + E(7mm)	38	B + E(7mm)	37
		A + E(8mm)	37	B + E(8mm)	36

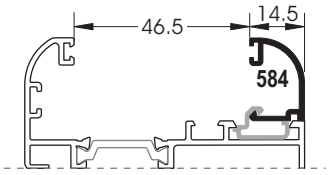
015009	015010	015002	015004	015006
A	B	C	D	E
2mm	2.5mm	3 & 4mm	5 & 6mm	7 & 8mm



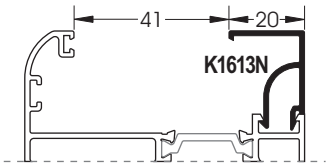
ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	Ⓐ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)	Ⓑ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)
521	14.2	A + C(3mm)	42	B + C(3mm)	41
		A + C(4mm)	41	B + C(4mm)	40
		A + D(5mm)	40	B + D(5mm)	39
		A + D(6mm)	39	B + D(6mm)	38
		A + E(7mm)	38	B + E(7mm)	37
		A + E(8mm)	37	B + E(8mm)	36



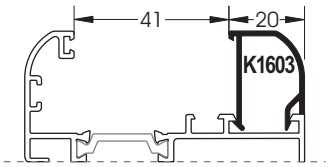
ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	Ⓐ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)	Ⓑ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)
520	14.2	A + C(3mm)	42	B + C(3mm)	41
		A + C(4mm)	41	B + C(4mm)	40
		A + D(5mm)	40	B + D(5mm)	39
		A + D(6mm)	39	B + D(6mm)	38
		A + E(7mm)	38	B + E(7mm)	37
		A + E(8mm)	37	B + E(8mm)	36



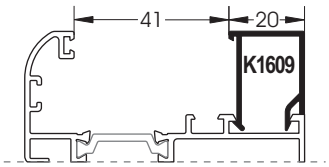
ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	Ⓐ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)	Ⓑ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)
584	14.5	A + C(3mm)	41	B + C(3mm)	41
		A + C(4mm)	40	B + C(4mm)	40
		A + D(5mm)	39	B + D(5mm)	39
		A + D(6mm)	38	B + D(6mm)	38
		A + E(7mm)	37	B + E(7mm)	37
		A + E(8mm)	36	B + E(8mm)	36



ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	Ⓐ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)	Ⓑ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)
K1613N	20	A + C(3mm)	36	B + C(3mm)	35
		A + C(4mm)	35	B + C(4mm)	34
		A + D(5mm)	34	B + D(5mm)	33
		A + D(6mm)	33	B + D(6mm)	32
		A + E(7mm)	32	B + E(7mm)	31
		A + E(8mm)	31	B + E(8mm)	30

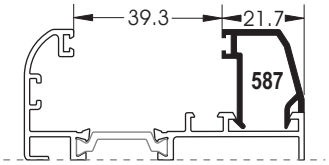


ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	Ⓐ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)	Ⓑ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)
K1603	20	A + C(3mm)	36	B + C(3mm)	35
		A + C(4mm)	35	B + C(4mm)	34
		A + D(5mm)	34	B + D(5mm)	33
		A + D(6mm)	33	B + D(6mm)	32
		A + E(7mm)	32	B + E(7mm)	31
		A + E(8mm)	31	B + E(8mm)	30

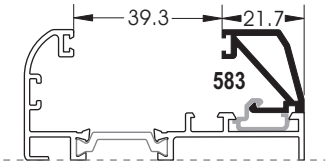


ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	Ⓐ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)	Ⓑ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)
K1609	20	A + C(3mm)	36	B + C(3mm)	35
		A + C(4mm)	35	B + C(4mm)	34
		A + D(5mm)	34	B + D(5mm)	33
		A + D(6mm)	33	B + D(6mm)	32
		A + E(7mm)	32	B + E(7mm)	31
		A + E(8mm)	31	B + E(8mm)	30

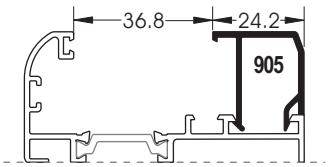
015009	015010	015002	015004	015006
A	B	C	D	E
2mm	2.5mm	3 & 4mm	5 & 6mm	7 & 8mm



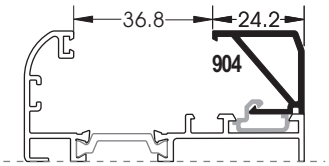
ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	Ⓐ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)	Ⓑ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)
587	21.7	A + C(3mm)	34	B + C(3mm)	34
		A + C(4mm)	33	B + C(4mm)	33
		A + D(5mm)	32	B + D(5mm)	32
		A + D(6mm)	31	B + D(6mm)	31
		A + E(7mm)	30	B + E(7mm)	30
		A + E(8mm)	29	B + E(8mm)	29



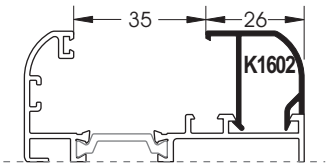
ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	Ⓐ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)	Ⓑ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)
583	21.7	A + C(3mm)	34	B + C(3mm)	34
		A + C(4mm)	33	B + C(4mm)	33
		A + D(5mm)	32	B + D(5mm)	32
		A + D(6mm)	31	B + D(6mm)	31
		A + E(7mm)	30	B + E(7mm)	30
		A + E(8mm)	29	B + E(8mm)	29



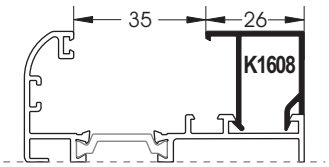
ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	Ⓐ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)	Ⓑ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)
905	24.2	A + C(3mm)	32	B + C(3mm)	31
		A + C(4mm)	31	B + C(4mm)	30
		A + D(5mm)	30	B + D(5mm)	29
		A + D(6mm)	29	B + D(6mm)	28
		A + E(7mm)	28	B + E(7mm)	27
		A + E(8mm)	27	B + E(8mm)	26



ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	Ⓐ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)	Ⓑ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)
904	24.2	A + C(3mm)	32	B + C(3mm)	31
		A + C(4mm)	31	B + C(4mm)	30
		A + D(5mm)	30	B + D(5mm)	29
		A + D(6mm)	29	B + D(6mm)	28
		A + E(7mm)	28	B + E(7mm)	27
		A + E(8mm)	27	B + E(8mm)	26

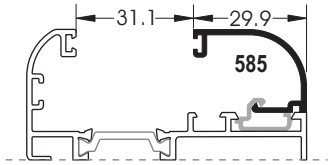


ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	Ⓐ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)	Ⓑ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)
K1602	26	A + C(3mm)	30	B + C(3mm)	29
		A + C(4mm)	29	B + C(4mm)	28
		A + D(5mm)	28	B + D(5mm)	27
		A + D(6mm)	27	B + D(6mm)	26
		A + E(7mm)	26	B + E(7mm)	25
		A + E(8mm)	25	B + E(8mm)	24



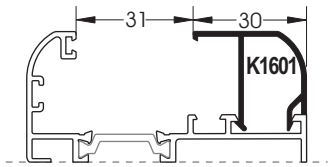
ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)	Ⓐ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)	Ⓑ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)
K1608	26	A + C(3mm)	30	B + C(3mm)	29
		A + C(4mm)	29	B + C(4mm)	28
		A + D(5mm)	28	B + D(5mm)	27
		A + D(6mm)	27	B + D(6mm)	26
		A + E(7mm)	26	B + E(7mm)	25
		A + E(8mm)	25	B + E(8mm)	24

015009	015010	015002	015004	015006
A	B	C	D	E
2mm	2.5mm	3 & 4mm	5 & 6mm	7 & 8mm



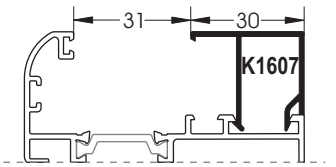
ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)
585	29.9

Ⓐ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)	Ⓑ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)
A + C(3mm)	26	B + C(3mm)	26
A + C(4mm)	25	B + C(4mm)	25
A + D(5mm)	24	B + D(5mm)	24
A + D(6mm)	23	B + D(6mm)	23
A + E(7mm)	22	B + E(7mm)	22
A + E(8mm)	21	B + E(8mm)	21



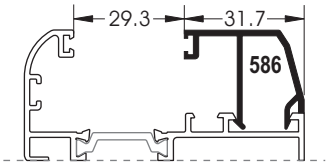
ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)
K1601	30

Ⓐ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)	Ⓑ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)
A + C(3mm)	26	B + C(3mm)	25
A + C(4mm)	25	B + C(4mm)	24
A + D(5mm)	24	B + D(5mm)	23
A + D(6mm)	23	B + D(6mm)	22
A + E(7mm)	22	B + E(7mm)	21
A + E(8mm)	21	B + E(8mm)	20



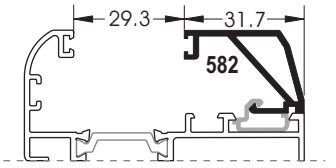
ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)
K1607	30

Ⓐ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)	Ⓑ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)
A + C(3mm)	26	B + C(3mm)	25
A + C(4mm)	25	B + C(4mm)	24
A + D(5mm)	24	B + D(5mm)	23
A + D(6mm)	23	B + D(6mm)	22
A + E(7mm)	22	B + E(7mm)	21
A + E(8mm)	21	B + E(8mm)	20



ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)
586	31.7

Ⓐ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)	Ⓑ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)
A + C(3mm)	24	B + C(3mm)	24
A + C(4mm)	23	B + C(4mm)	23
A + D(5mm)	22	B + D(5mm)	22
A + D(6mm)	21	B + D(6mm)	21
A + E(7mm)	20	B + E(7mm)	20
A + E(8mm)	19	B + E(8mm)	19



ΠΡΟΦΙΛ PROFILE	ΜΗΚΟΣ LENGTH (mm)
582	31.7

Ⓐ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)	Ⓑ ΛΑΣΤΙΧΟ GASKET	ΠΑΧΟΣ ΤΖΑΜΙΟΥ GLASS THICKNESS (mm)
A + C(3mm)	24	B + C(3mm)	24
A + C(4mm)	23	B + C(4mm)	23
A + D(5mm)	22	B + D(5mm)	22
A + D(6mm)	21	B + D(6mm)	21
A + E(7mm)	20	B + E(7mm)	20
A + E(8mm)	19	B + E(8mm)	19

ΣΥΜΒΟΛΑ - SYMBOLS

= ΤΕΧΝΙΚΗ ΠΛΗΡΟΦΟΡΙΑ
TECHNICAL INFORMATION

= ΣΗΜΑΝΤΙΚΗ ΣΗΜΕΙΩΣΗ
IMPORTANT NOTE

= ΕΝΤΟΛΗ ΕΝΕΡΓΟΠΟΙΗΣΗΣ
ACTION

= ΠΑΡΑΤΗΡΗΣΕ ΤΑ ΒΗΜΑΤΑ ΤΩΝ ΕΡΓΑΣΙΩΝ
WORK STEPS

= ΚΟΠΗ ΠΡΙΟΝΙΟΥ
SAW CUT

= ΜΕΤΡΗΣΗ
MEASURE

= ΚΟΠΗ
CUTTING

= ΤΡΥΠΗΜΑ
DRILLING

= ΒΙΔΩΜΑ
SCREW

= ΚΑΘΑΡΙΣΜΟΣ
CLEANING

= ΣΦΡΑΓΙΣΗ
SEAL

= ΚΟΛΛΗΣΗ ΓΩΝΙΩΝ ΣΥΝΔΕΣΗΣ
CORNER CLEAT GLUE

= ΚΟΛΛΗΣΗ
GLUE

= ΤΟΠΟΘΕΤΗΣΗ ΛΑΣΤΙΧΩΝ
GASKET INSTALLATION

= ÊÏ ÐÔÉÊÏ ÅÑÃÁËÅÏ
CUTTING TOOL

= ΔΙΑΝΟΙΞΗ ΟΠΩΝ
PUNCH, MILL

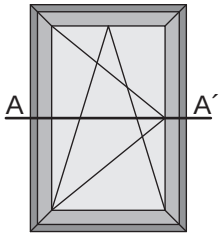
= ΤΟΠΟΘΕΤΗΣΗ ΣΥΝΔΕΣΜΟΥ-Τ
T-JOINT ASSEMBLY

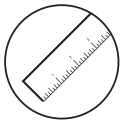
= ΤΟΠΟΘΕΤΗΣΗ ΓΩΝΙΑΣ ΣΥΝΔΕΣΗΣ
CORNER CONNECTION ASSEBLY

= ΧΤΥΠΗΜΑ ΓΩΝΙΑΣ ΣΥΝΔΕΣΗΣ
CRIMPING

= ÐÑÅÓÁ ÄÉÁÔÑÇÓÅÙÍ
PERFORATION PRESS

ΚΟΠΕΣ - CUTS

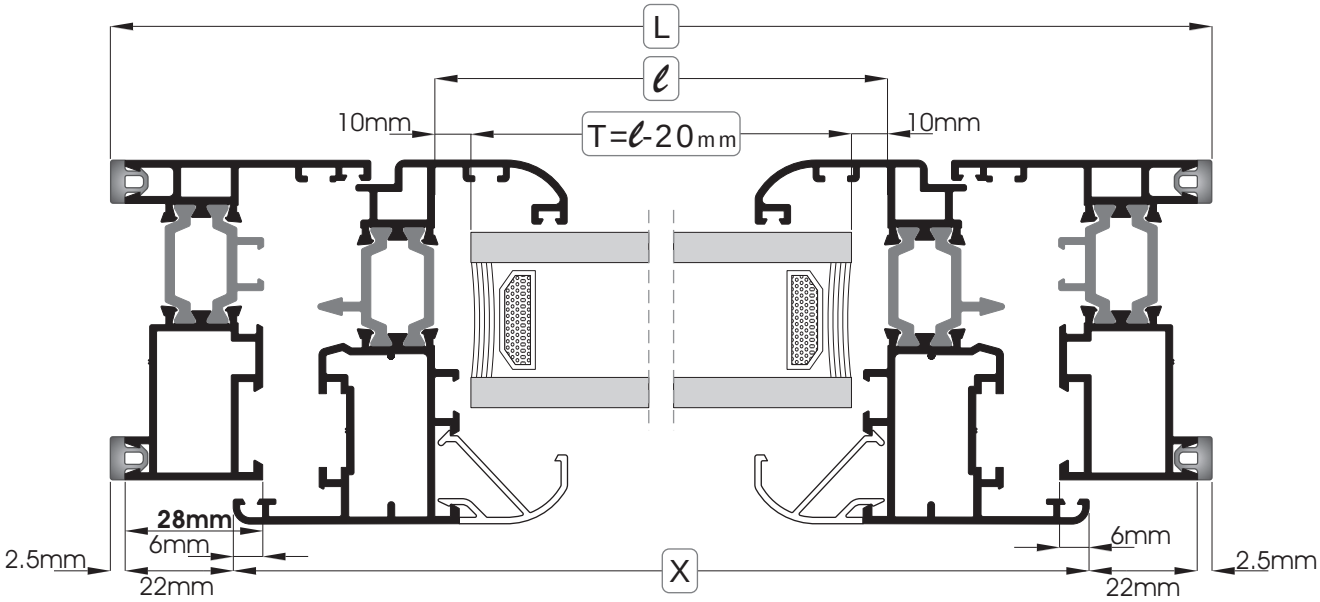




ΜΟΝΟΦΥΛΛΟ ΑΝΟΙΓΟΜΕΝΟ
TURN SINGLE SASH WINDOW

L =ÐËÁÔÏÓ ÊÁÓÁÓ / FRAME WIDTH
X =ÐËÁÔÏÓ ÖÕËËÏÕ / SASH WIDTH
Z =ÕØÏÓ ÊÁÓÁÓ / FRAME HEIGHT
H =ÕØÏÓ ÖÕËËÏÕ / SASH HEIGHT
LA =ÐËÁÔÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME WIDTH WITH FIXED DECORATIVE COVER
ZA =ÕØÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME HEIGHT WITH FIXED DECORATIVE COVER
Ì =ÕØÏÓ ÌÐÉÉÉÏÕ / CLIP ON CENTRAL HEIGHT
Í =ÐËÁÔÏÓ ÌÐÉÉÉÏÕ / CLIP ON CENTRA WIDTH
× Á=ÐËÁÔÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER WIDTH
ÇÁ=ÕØÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER HEIGHT
T =ÐËÁÔÏÓ ÔÆÁÌÉÏÕ / GLASS WIDTH
R =ÕØÏÓ ÔÆÁÌÉÏÕ / GLASS HEIGHT
ℓ =ÅÓÙÔÅÑÉÊÏ ÐËÁÔÏÓ ÖÕËËÏÕ / INNER SASH WIDTH
d =ÅÓÙÔÅÑÉÊÏ ÕØÏÓ ÖÕËËÏÕ / INNER SASH HEIGHT

Κάσα με ύψος **28mm**:
*Frame with height **28mm**:*

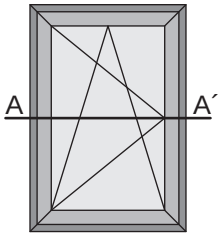


Για τις κάσες με ύψος **28mm** ισχύει ο τύπος:
*For the frames with height **28mm** we use the type:* X=L-49mm

Για τις κάσες με ύψος **32.5mm** ισχύει ο τύπος:
*For the frames with height **32.5mm** we use the type:* X=L-58mm

Για τις κάσες με ύψος **33.2mm** ισχύει ο τύπος:
*For the frames with height **33.2mm** we use the type:* X=L-59.5mm

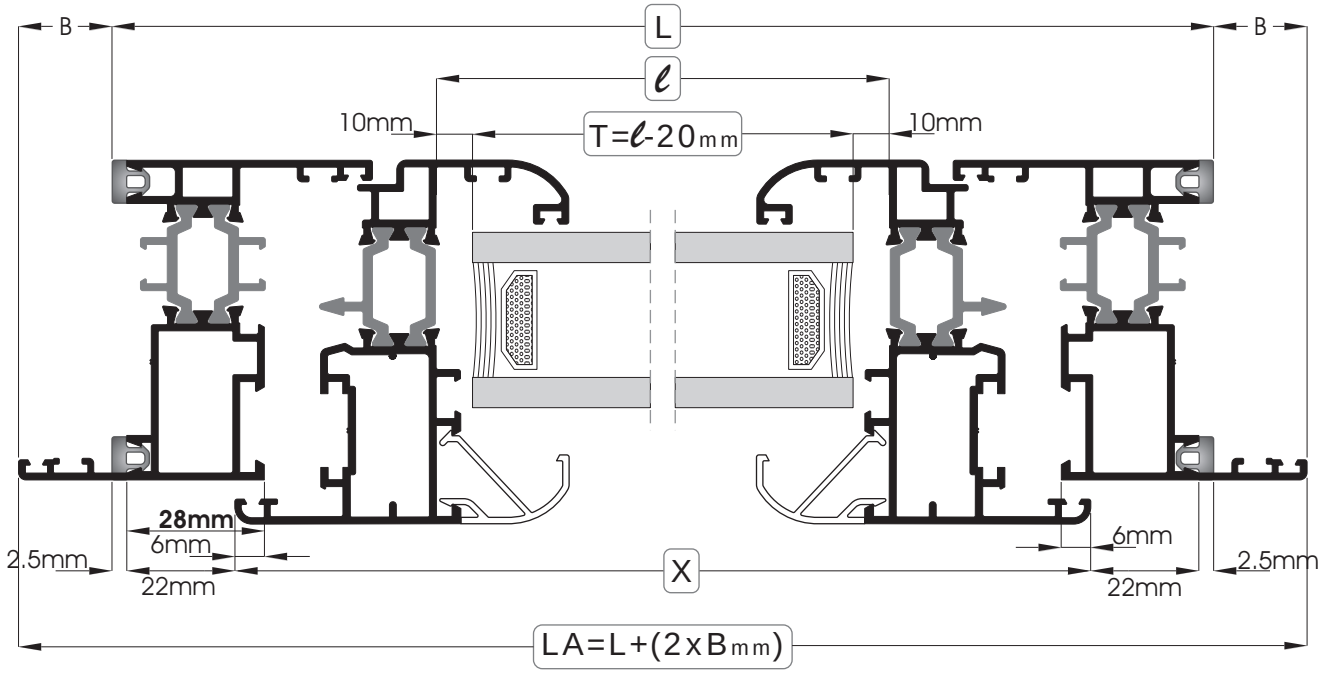
Για τις κάσες με ύψος **49mm** ισχύει ο τύπος:
*For the frames with height **49mm** we use the type:* X=L-91mm



ΜΟΝΟΦΥΛΛΟ ΑΝΟΙΓΟΜΕΝΟ
TURN SINGLE SASH WINDOW

L =ÐËÁÔÏÓ ÊÁÓÁÓ / FRAME WIDTH
X =ÐËÁÔÏÓ ÖÕËËÏÕ / SASH WIDTH
Z =ÕØÏÓ ÊÁÓÁÓ / FRAME HEIGHT
H =ÕØÏÓ ÖÕËËÏÕ / SASH HEIGHT
LA =ÐËÁÔÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌ ÁÔÙÌ ÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME WIDTH WITH FIXED DECORATIVE COVER
ZA =ÕØÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌ ÁÔÙÌ ÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME HEIGHT WITH FIXED DECORATIVE COVER
Ì =ÕØÏÓ ÌÐÉÉÉÏÕ / CLIP ON CENTRAL HEIGHT
Í =ÐËÁÔÏÓ ÌÐÉÉÉÏÕ / CLIP ON CENTRA WIDTH
× Á=ÐËÁÔÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER WIDTH
Ç Á=ÕØÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER HEIGHT
T =ÐËÁÔÏÓ ÔÆÁÌÉÏÕ / GLASS WIDTH
R =ÕØÏÓ ÔÆÁÌÉÏÕ / GLASS HEIGHT
ℓ =ÅÓÙÔÅÑÉÊÏ ÐËÁÔÏÓ ÖÕËËÏÕ / INNER SASH WIDTH
d =ÅÓÙÔÅÑÉÊÏ ÕØÏÓ ÖÕËËÏÕ / INNER SASH HEIGHT

Κάσα με ύψος **28mm**:
*Frame with height **28mm**:*



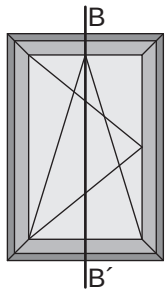
Για τις κάσες με ύψος **28mm** ισχύει ο τύπος:
*For the frames with height **28mm** we use the type:*

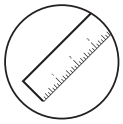
X=L-49mm

Για τις κάσες με ύψος **49mm** ισχύει ο τύπος:
*For the frames with height **49mm** we use the type:*

X=L-91mm

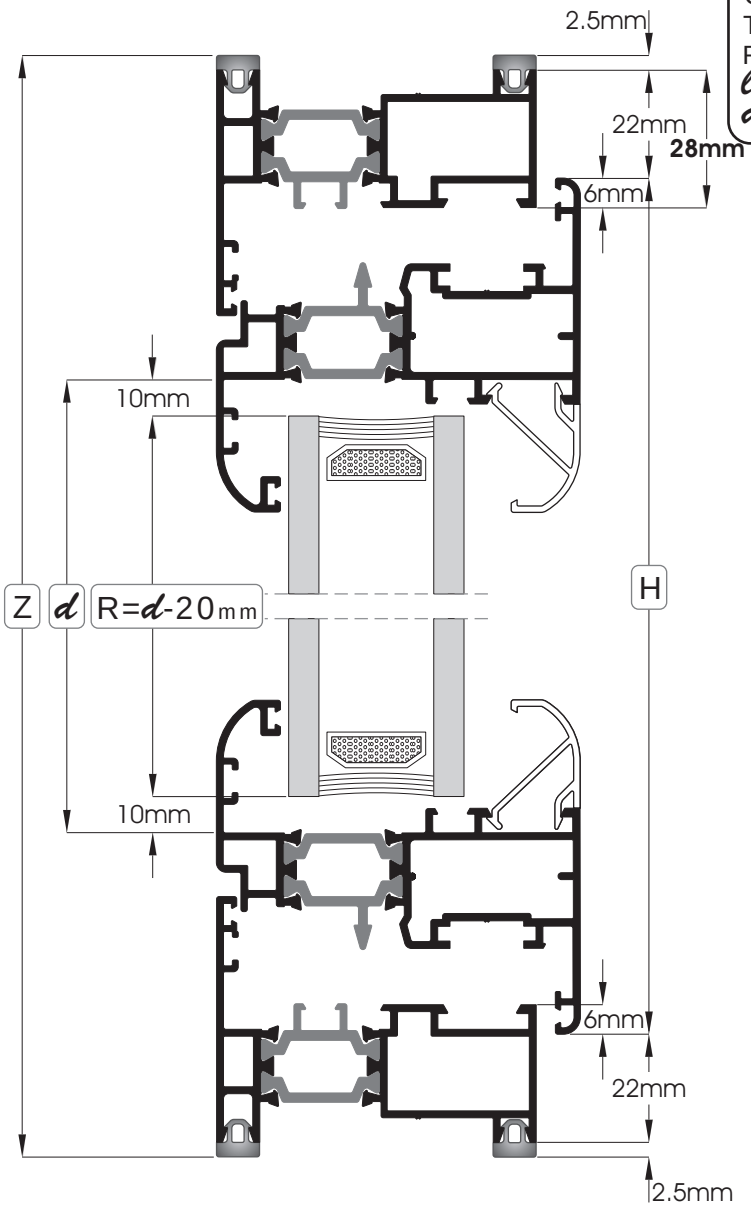
ΚΟΠΕΣ - CUTS





ΜΟΝΟΦΥΛΛΟ ΑΝΟΙΓΟΜΕΝΟ
TURN SINGLE SASH WINDOW

L =ÐËÁÔÏÓ ÊÁÓÁÓ / FRAME WIDTH
X =ÐËÁÔÏÓ ÖÕËËÏÕ / SASH WIDTH
Z =ÕØÏÓ ÊÁÓÁÓ / FRAME HEIGHT
H =ÕØÏÓ ÖÕËËÏÕ / SASH HEIGHT
LA =ÐËÁÔÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME WIDTH WITH FIXED DECORATIVE COVER
ZA =ÕØÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME HEIGHT WITH FIXED DECORATIVE COVER
Ì =ÕØÏÓ ÌÐÉÍÉÏÕ / CLIP ON CENTRAL HEIGHT
Í =ÐËÁÔÏÓ ÌÐÉÍÉÏÕ / CLIP ON CENTRA WIDTH
× Á=ÐËÁÔÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER WIDTH
ÇÁ=ÕØÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER HEIGHT
T =ÐËÁÔÏÓ ÔÆÁÌÉÏÕ / GLASS WIDTH
R =ÕØÏÓ ÔÆÁÌÉÏÕ / GLASS HEIGHT
ℓ =ÅÓÙÔÅÑÉÊÏ ÐËÁÔÏÓ ÖÕËËÏÕ / INNER SASH WIDTH
d =ÅÓÙÔÅÑÉÊÏ ÕØÏÓ ÖÕËËÏÕ / INNER SASH HEIGHT



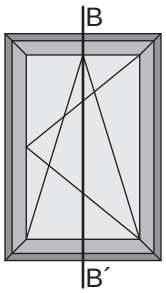
Κάσα με ύψος **28mm**:
*Frame with height **28mm**:*

Για τις κάσες με ύψος **28mm** ισχύει ο τύπος:
*For the frames with height **28mm** we use the type:* H=Z-49mm

Για τις κάσες με ύψος **32.5mm** ισχύει ο τύπος:
*For the frames with height **32.5mm** we use the type:* H=Z-58mm

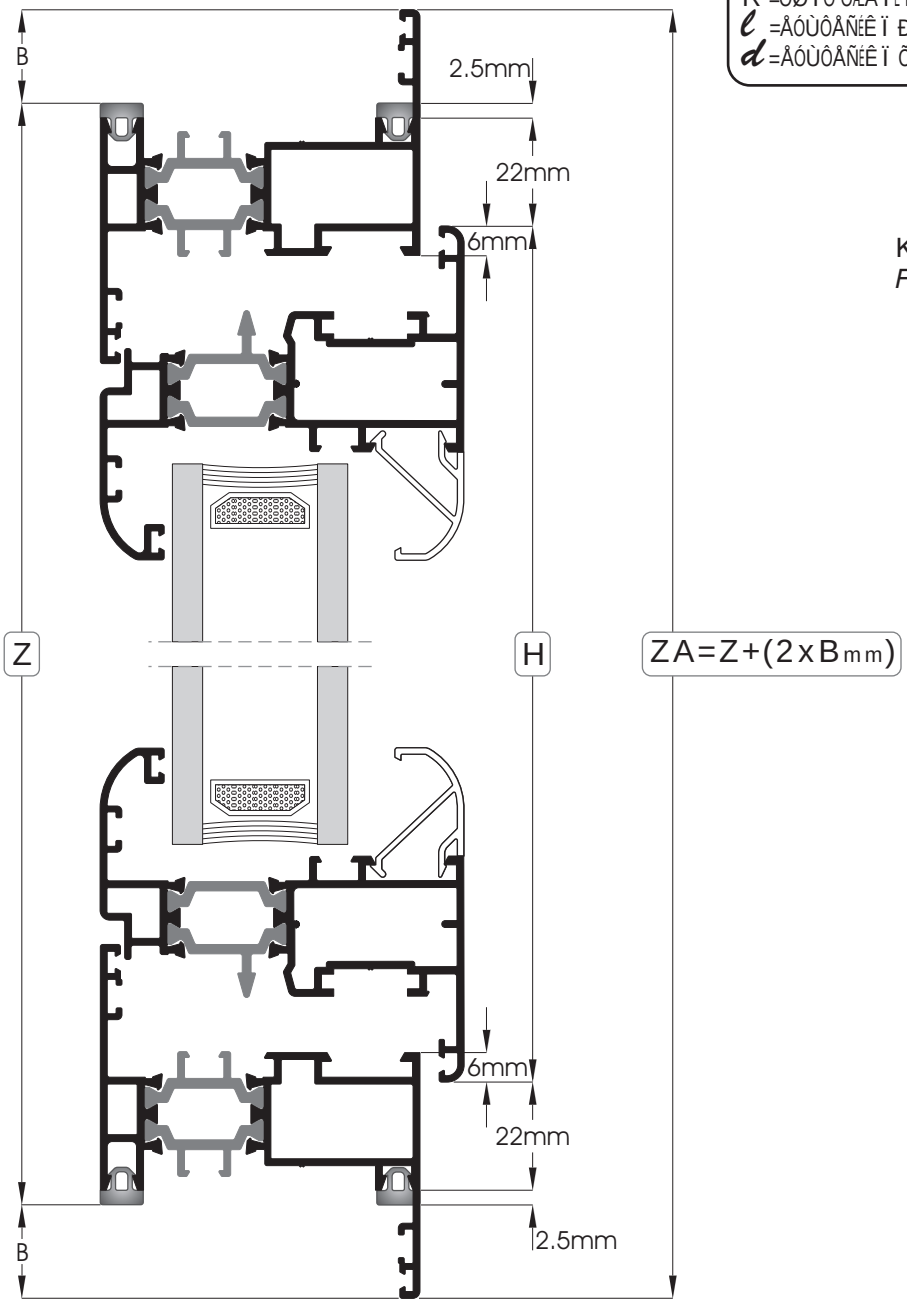
Για τις κάσες με ύψος **33.2mm** ισχύει ο τύπος:
*For the frames with height **33.2mm** we use the type:* H=Z-59.5mm

Για τις κάσες με ύψος **49mm** ισχύει ο τύπος:
*For the frames with height **49mm** we use the type:* H=Z-91mm



ΜΟΝΟΦΥΛΛΟ ΑΝΟΙΓΟΜΕΝΟ
TURN SINGLE SASH WINDOW

L =ÐËÁÔÏÓ ÊÁÓÁÓ / FRAME WIDTH
X =ÐËÁÔÏÓ ÖÕËËÏÕ / SASH WIDTH
Z =ÕØÏÓ ÊÁÓÁÓ / FRAME HEIGHT
H =ÕØÏÓ ÖÕËËÏÕ / SASH HEIGHT
LA =ÐËÁÔÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌ ÁÔÙÌ ÅÍÏ ÁÑÌÏ ÊÁËÕÐÔÑÏ
FRAME WIDTH WITH FIXED DECORATIVE COVER
ZA =ÕØÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌ ÁÔÙÌ ÅÍÏ ÁÑÌÏ ÊÁËÕÐÔÑÏ
FRAME HEIGHT WITH FIXED DECORATIVE COVER
Ì =ÕØÏÓ ÌÐÉÍÉÏÕ / CLIP ON CENTRAL HEIGHT
Í =ÐËÁÔÏÓ ÌÐÉÍÉÏÕ / CLIP ON CENTRA WIDTH
×Á=ÐËÁÔÏÓ ÁÑÌÏ ÊÁËÕÐÔÑÏÕ / DECORATIVE COVER WIDTH
ÇÁ=ÕØÏÓ ÁÑÌÏ ÊÁËÕÐÔÑÏÕ / DECORATIVE COVER HEIGHT
T =ÐËÁÔÏÓ ÔÆÁÌÉÏÕ / GLASS WIDTH
R =ÕØÏÓ ÔÆÁÌÉÏÕ / GLASS HEIGHT
ℓ =ÅÓÙÔÅÑÉÊÏ ÐËÁÔÏÓ ÖÕËËÏÕ / INNER SASH WIDTH
d =ÅÓÙÔÅÑÉÊÏ ÕØÏÓ ÖÕËËÏÕ / INNER SASH HEIGHT



Κάσα με ύψος **28mm**:
*Frame with height **28mm**:*

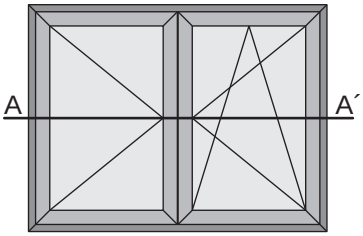
Για τις κάσες με ύψος **28mm** ισχύει ο τύπος:
*For the frames with height **28mm** we use the type:*

H=Z-49mm

Για τις κάσες με ύψος **49mm** ισχύει ο τύπος:
*For the frames with height **49mm** we use the type:*

H=Z-91mm

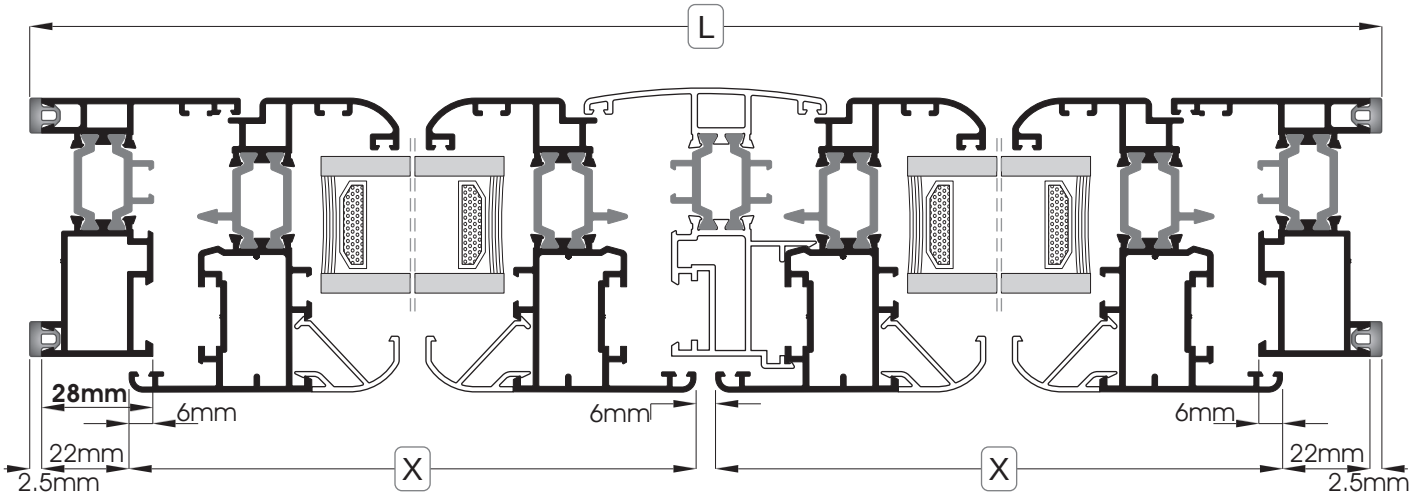
ΚΟΠΕΣ - CUTS



ΔΙΦΥΛΛΟ ΑΝΟΙΓΟΜΕΝΟ
TURN DOUBLE SASH WINDOW

L =ÐËÁÔÏÓ ÊÁÓÁÓ / FRAME WIDTH
X =ÐËÁÔÏÓ ÖÕËËÏÕ / SASH WIDTH
Z =ÕØÏÓ ÊÁÓÁÓ / FRAME HEIGHT
H =ÕØÏÓ ÖÕËËÏÕ / SASH HEIGHT
LA =ÐËÁÔÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME WIDTH WITH FIXED DECORATIVE COVER
ZA =ÕØÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME HEIGHT WITH FIXED DECORATIVE COVER
Ì =ÕØÏÓ ÌÐÉÍÉÏÕ / CLIP ON CENTRAL HEIGHT
Í =ÐËÁÔÏÓ ÌÐÉÍÉÏÕ / CLIP ON CENTRA WIDTH
× Á=ÐËÁÔÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER WIDTH
ÇÁ=ÕØÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER HEIGHT
T =ÐËÁÔÏÓ ÔÆÁÌÉÏÕ / GLASS WIDTH
R =ÕØÏÓ ÔÆÁÌÉÏÕ / GLASS HEIGHT
ℓ =ÅÓÙÔÅÑÉÊÏ ÐËÁÔÏÓ ÖÕËËÏÕ / INNER SASH WIDTH
d =ÅÓÙÔÅÑÉÊÏ ÕØÏÓ ÖÕËËÏÕ / INNER SASH HEIGHT

Κάσα με ύψος **28mm**:
*Frame with height **28mm**:*



Για τις κάσες με ύψος **28mm** ισχύει ο τύπος:
*For the frames with height **28mm** we use the type:*

$$X=\frac{L-55\,mm}{2}$$

Για τις κάσες με ύψος **32.5mm** ισχύει ο τύπος:
*For the frames with height **32.5mm** we use the type:*

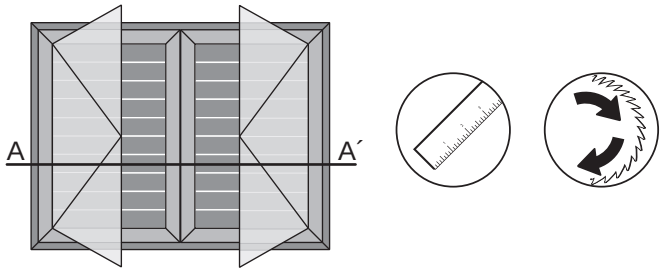
$$X=\frac{L-64\,mm}{2}$$

Για τις κάσες με ύψος **33.2mm** ισχύει ο τύπος:
*For the frames with height **33.2mm** we use the type:*

$$X=\frac{L-65.5\,mm}{2}$$

Για τις κάσες με ύψος **49mm** ισχύει ο τύπος:
*For the frames with height **49mm** we use the type:*

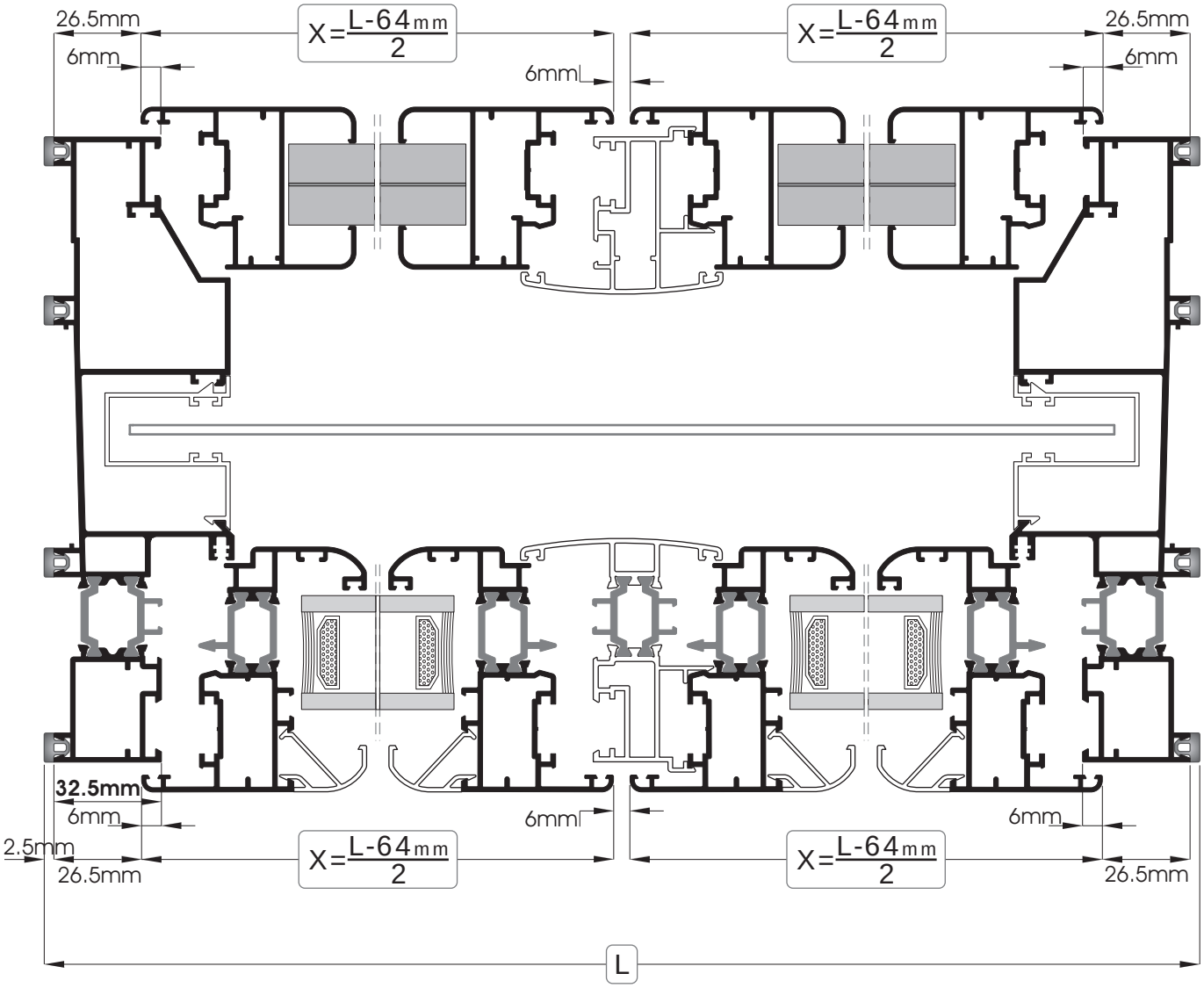
$$X=\frac{L-97\,mm}{2}$$



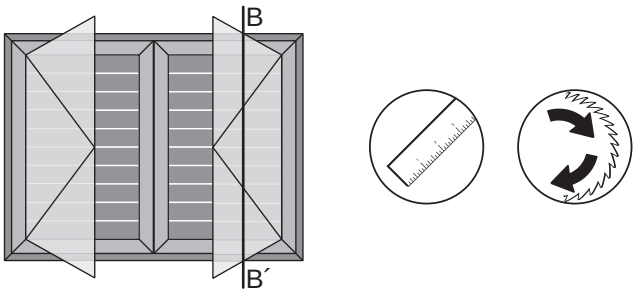
ΔΙΦΥΛΛΟ ΑΝΟΙΓΟΜΕΝΟ ΤΖΑΜΙ - ΠΑΤΖΟΥΡΙ
TURN DOUBLE SASH WINDOW GLASS - SHUTTER

L =ÐËÁÔÏÓ ÊÁÓÁÓ / FRAME WIDTH
X =ÐËÁÔÏÓ ÖÕËËÏÕ / SASH WIDTH
Z =ÕØÏÓ ÊÁÓÁÓ / FRAME HEIGHT
H =ÕØÏÓ ÖÕËËÏÕ / SASH HEIGHT
LA =ÐËÁÔÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌ ÁÔÙÌ ÅÍÏ ÁÑÌ ÏÊÁËÕÐÔÑÏ
FRAME WIDTH WITH FIXED DECORATIVE COVER
ZA =ÕØÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌ ÁÔÙÌ ÅÍÏ ÁÑÌ ÏÊÁËÕÐÔÑÏ
FRAME HEIGHT WITH FIXED DECORATIVE COVER
Ì =ÕØÏÓ ÌÐÉÉÉÏÕ / CLIP ON CENTRAL HEIGHT
Í =ÐËÁÔÏÓ ÌÐÉÉÉÏÕ / CLIP ON CENTRA WIDTH
× Á=ÐËÁÔÏÓ ÁÑÌ ÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER WIDTH
Ç Á=ÕØÏÓ ÁÑÌ ÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER HEIGHT
T =ÐËÁÔÏÓ ÔÆÁÌÉÏÕ / GLASS WIDTH
R =ÕØÏÓ ÔÆÁÌÉÏÕ / GLASS HEIGHT
ℓ =ÅÓÙÔÅÑÉÊÏ ÐËÁÔÏÓ ÖÕËËÏÕ / INNER SASH WIDTH
d =ÅÓÙÔÅÑÉÊÏ ÕØÏÓ ÖÕËËÏÕ / INNER SASH HEIGHT

Κάσα με ύψος **32.5mm**:
*Frame with height **32.5mm**:*



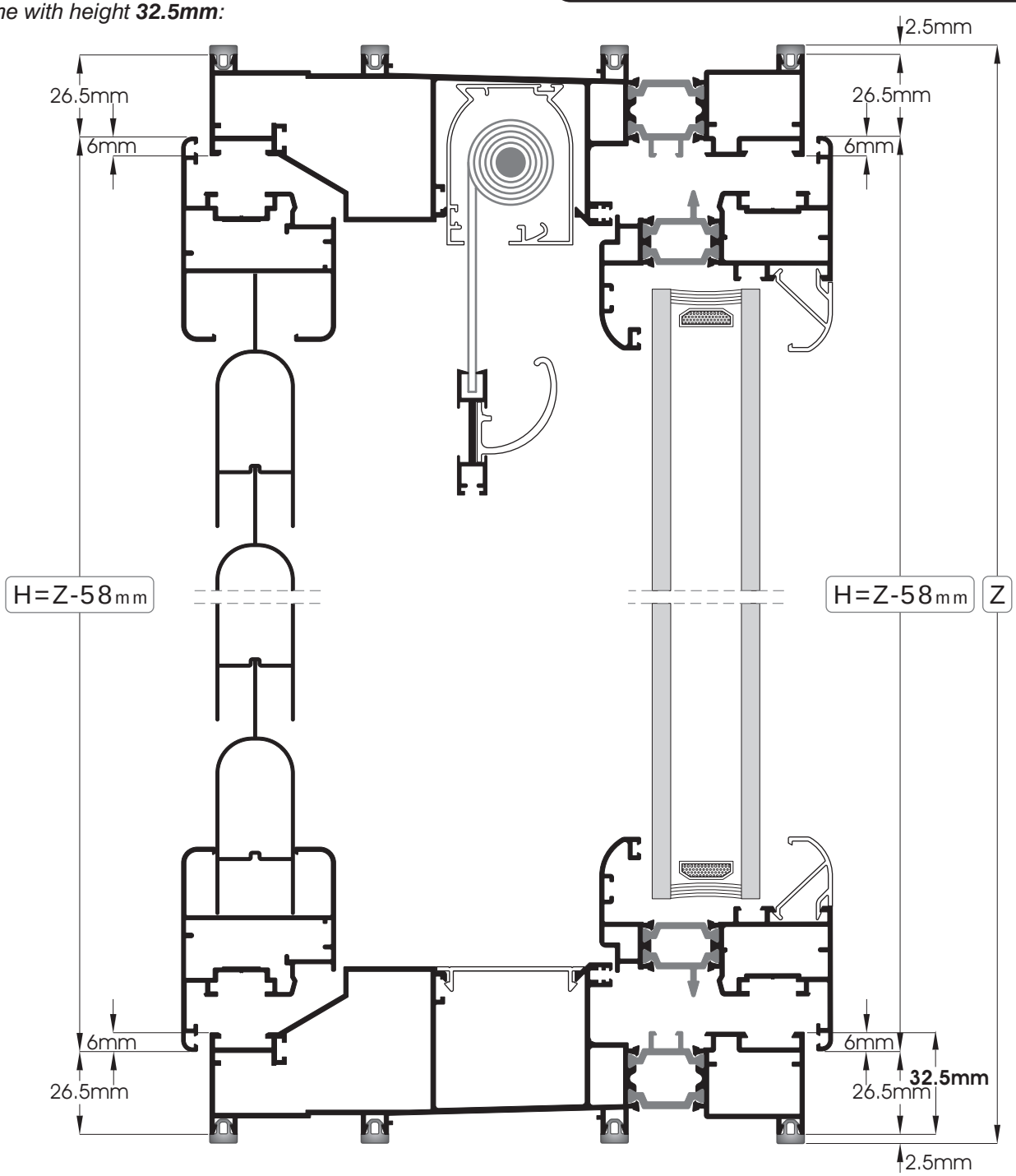
ΚΟΠΕΣ - CUTS

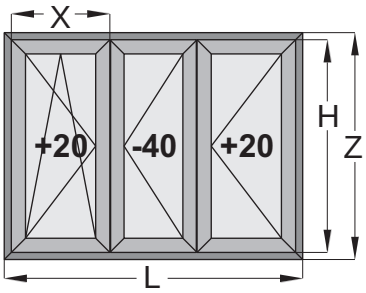


ΔΙΦΥΛΛΟ ΑΝΟΙΓΟΜΕΝΟ ΤΖΑΜΙ - ΠΑΤΖΟΥΡΙ
TURN DOUBLE SASH WINDOW GLASS - SHUTTER

L =ÐËÁÔÏÓ ÊÁÓÁÓ / FRAME WIDTH
X =ÐËÁÔÏÓ ÖÕËËÏÕ / SASH WIDTH
Z =ÕØÏÓ ÊÁÓÁÓ / FRAME HEIGHT
H =ÕØÏÓ ÖÕËËÏÕ / SASH HEIGHT
LA =ÐËÁÔÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME WIDTH WITH FIXED DECORATIVE COVER
ZA =ÕØÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME HEIGHT WITH FIXED DECORATIVE COVER
Ì =ÕØÏÓ ÌÐÉÍÉÏÕ / CLIP ON CENTRAL HEIGHT
Í =ÐËÁÔÏÓ ÌÐÉÍÉÏÕ / CLIP ON CENTRA WIDTH
× Á=ÐËÁÔÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER WIDTH
ÇÁ=ÕØÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER HEIGHT
T =ÐËÁÔÏÓ ÔÆÁÌÉÏÕ / GLASS WIDTH
R =ÕØÏÓ ÔÆÁÌÉÏÕ / GLASS HEIGHT
ℓ =ÅÓÙÔÅÑÉÊÏ ÐËÁÔÏÓ ÖÕËËÏÕ / INNER SASH WIDTH
d =ÅÓÙÔÅÑÉÊÏ ÕØÏÓ ÖÕËËÏÕ / INNER SASH HEIGHT

Κάσα με ύψος **32.5mm**:
*Frame with height **32.5mm**:*





ΤΡΙΦΥΛΛΟ ΑΝΟΙΓΟΜΕΝΟ
TURN TRIPLE SASH WINDOW

Στο Τρίφυλλο Ανοιγόμενο ισχύουν οι τύποι:
In Turn Triple sash window we use the types:

Για τις κάσες με ύψος **28mm** ισχύουν οι τύποι:
*For the frames with height **28mm** we use the types:*

$H = Z - 49\,mm$ **&** $X = \frac{L - 61\,mm}{3}$ → $X + 20\,mm$ ΑΚΡΑΙΑ ΦΥΛΛΑ OUTSIDE SASHES; $X - 40\,mm$ ΜΕΣΑΙΟ ΦΥΛΛΟ MIDDLE SASH

Για τις κάσες με ύψος **32.5**mm ισχύουν οι τύποι:
*For the frames with height **32.5**mm we use the types:*

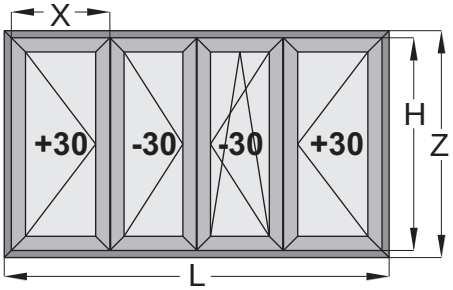
$H = Z - 58\,mm$ **&** $X = \frac{L - 70\,mm}{3}$ → $X + 20\,mm$ ΑΚΡΑΙΑ ΦΥΛΛΑ OUTSIDE SASHES; $X - 40\,mm$ ΜΕΣΑΙΟ ΦΥΛΛΟ MIDDLE SASH

Για τις κάσες με ύψος **33.2mm** ισχύουν οι τύποι:
*For the frames with height **33.2mm** we use the types:*

$H = Z - 59.5\,mm$ **&** $X = \frac{L - 71.5\,mm}{3}$ → $X + 20\,mm$ ΑΚΡΑΙΑ ΦΥΛΛΑ OUTSIDE SASHES; $X - 40\,mm$ ΜΕΣΑΙΟ ΦΥΛΛΟ MIDDLE SASH

Για τις κάσες με ύψος **49mm** ισχύουν οι τύποι:
*For the frames with height **49mm** we use the types:*

$H = Z - 91\,mm$ **&** $X = \frac{L - 103\,mm}{3}$ → $X + 20\,mm$ ΑΚΡΑΙΑ ΦΥΛΛΑ OUTSIDE SASHES; $X - 40\,mm$ ΜΕΣΑΙΟ ΦΥΛΛΟ MIDDLE SASH



ΤΕΤΡΑΦΥΛΛΟ ΑΝΟΙΓΟΜΕΝΟ
TURN FOUR SASH WINDOW

Στο Τετράφυλλο Ανοιγόμενο ισχύουν οι τύποι:
In Turn Four sash window we use the types:

Για τις κάσες με ύψος **28mm** ισχύουν οι τύποι:
For the frames with height ***28mm*** we use the types:

$H = Z - 49\,mm$ **&** $X = \frac{L - 67\,mm}{4}$ → $X + 30\,mm$ ΑΚΡΑΙΑ ΦΥΛΛΑ OUTSIDE SASHES; $X - 30\,mm$ ΜΕΣΑΙΟ ΦΥΛΛΟ MIDDLE SASH

Για τις κάσες με ύψος **32.5mm** ισχύουν οι τύποι:
*For the frames with height **32.5mm** we use the types:*

$H = Z - 58\,mm$ **&** $X = \frac{L - 76\,mm}{4}$ → $X + 30\,mm$ ΑΚΡΑΙΑ ΦΥΛΛΑ OUTSIDE SASHES; $X - 30\,mm$ ΜΕΣΑΙΟ ΦΥΛΛΟ MIDDLE SASH

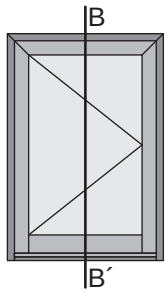
Για τις κάσες με ύψος **33.2mm** ισχύουν οι τύποι:
*For the frames with height **33.2mm** we use the types:*

$H = Z - 59.5\,mm$ **&** $X = \frac{L - 77.5\,mm}{4}$ → $X + 30\,mm$ ΑΚΡΑΙΑ ΦΥΛΛΑ OUTSIDE SASHES; $X - 30\,mm$ ΜΕΣΑΙΟ ΦΥΛΛΟ MIDDLE SASH

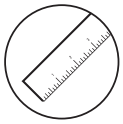
Για τις κάσες με ύψος **49mm** ισχύουν οι τύποι:
*For the frames with height **49mm** we use the types:*

$H = Z - 91\,mm$ **&** $X = \frac{L - 109\,mm}{4}$ → $X + 30\,mm$ ΑΚΡΑΙΑ ΦΥΛΛΑ OUTSIDE SASHES; $X - 30\,mm$ ΜΕΣΑΙΟ ΦΥΛΛΟ MIDDLE SASH

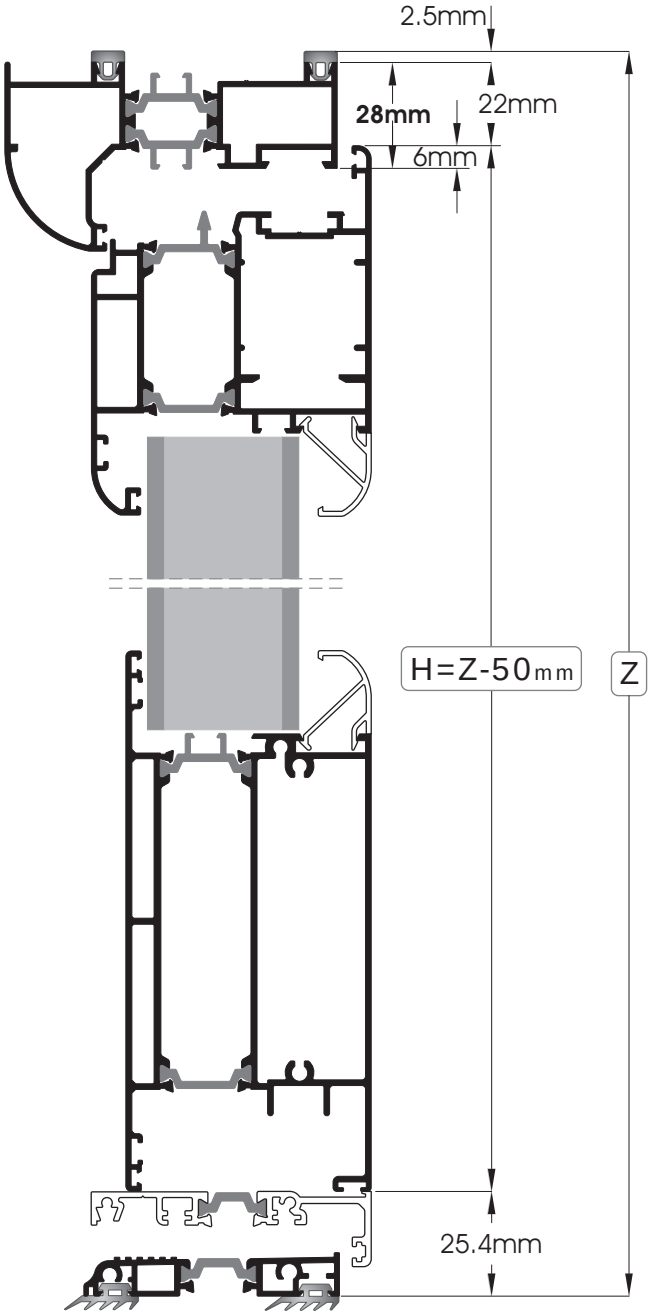
ΚΟΠΕΣ - CUTS



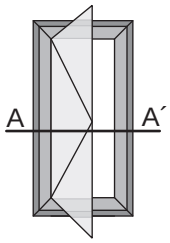
ΚΥΡΙΑ ΕΙΣΟΔΟΣ
ENTRANCE DOOR

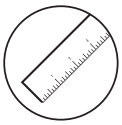


L =ÐËÁÔÏÓ ÊÁÓÁÓ / FRAME WIDTH
X =ÐËÁÔÏÓ ÖÕËËÏÕ / SASH WIDTH
Z =ÕØÏÓ ÊÁÓÁÓ / FRAME HEIGHT
H =ÕØÏÓ ÖÕËËÏÕ / SASH HEIGHT
LA =ÐËÁÔÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME WIDTH WITH FIXED DECORATIVE COVER
ZA =ÕØÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME HEIGHT WITH FIXED DECORATIVE COVER
Ì =ÕØÏÓ ÌÉÉÉÏÕ / CLIP ON CENTRAL HEIGHT
Í =ÐËÁÔÏÓ ÌÉÉÉÏÕ / CLIP ON CENTRA WIDTH
× Á=ÐËÁÔÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER WIDTH
ÇÁ=ÕØÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER HEIGHT
T =ÐËÁÔÏÓ ÔÆÁÌÉÏÕ / GLASS WIDTH
R =ÕØÏÓ ÔÆÁÌÉÏÕ / GLASS HEIGHT
ℓ =ÅÓÙÔÅÑÉÊÏ ÐËÁÔÏÓ ÖÕËËÏÕ / INNER SASH WIDTH
d =ÅÓÙÔÅÑÉÊÏ ÕØÏÓ ÖÕËËÏÕ / INNER SASH HEIGHT



Κάσα με ύψος **28mm**:
*Frame with height **28mm**:*



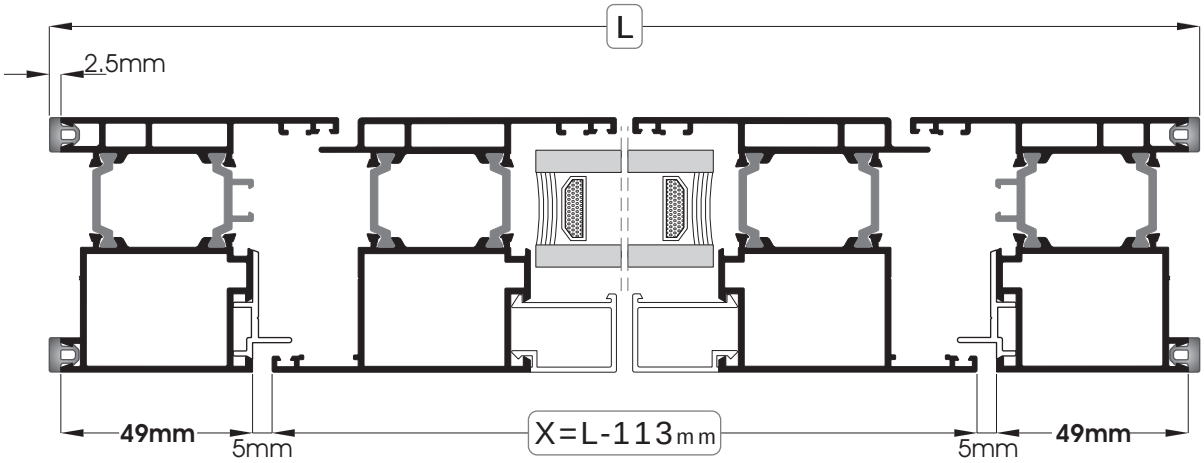


COPLANAR

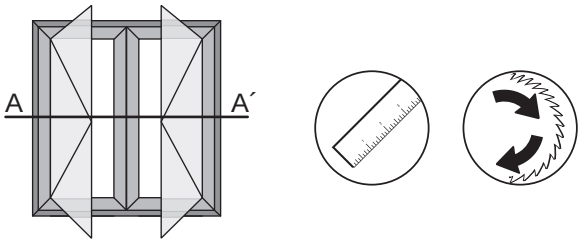
ΜΟΝΟΦΥΛΛΟ ΕΣΩΤΕΡΙΚΑ ΑΝΟΙΓΟΜΕΝΟ
INTERNAL OPENING SINGLE SASH WINDOW

L =ÐËÁÔÏÓ ÊÁÓÁÓ / FRAME WIDTH
X =ÐËÁÔÏÓ ÖÕËËÏÕ / SASH WIDTH
Z =ÕØÏÓ ÊÁÓÁÓ / FRAME HEIGHT
H =ÕØÏÓ ÖÕËËÏÕ / SASH HEIGHT
LA =ÐËÁÔÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME WIDTH WITH FIXED DECORATIVE COVER
ZA =ÕØÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME HEIGHT WITH FIXED DECORATIVE COVER
Ì =ÕØÏÓ ÌÉÉÉÏÕ / CLIP ON CENTRAL HEIGHT
Í =ÐËÁÔÏÓ ÌÉÉÉÏÕ / CLIP ON CENTRA WIDTH
× Á=ÐËÁÔÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER WIDTH
ÇÁ=ÕØÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER HEIGHT
T =ÐËÁÔÏÓ ÔÆÁÌÉÏÕ / GLASS WIDTH
R =ÕØÏÓ ÔÆÁÌÉÏÕ / GLASS HEIGHT
ℓ =ÅÓÙÔÅÑÉÊÏ ÐËÁÔÏÓ ÖÕËËÏÕ / INNER SASH WIDTH
d =ÅÓÙÔÅÑÉÊÏ ÕØÏÓ ÖÕËËÏÕ / INNER SASH HEIGHT

Κάσα με ύψος **49mm**:
*Frame with height **49mm**:*



ΚΟΠΕΣ - CUTS

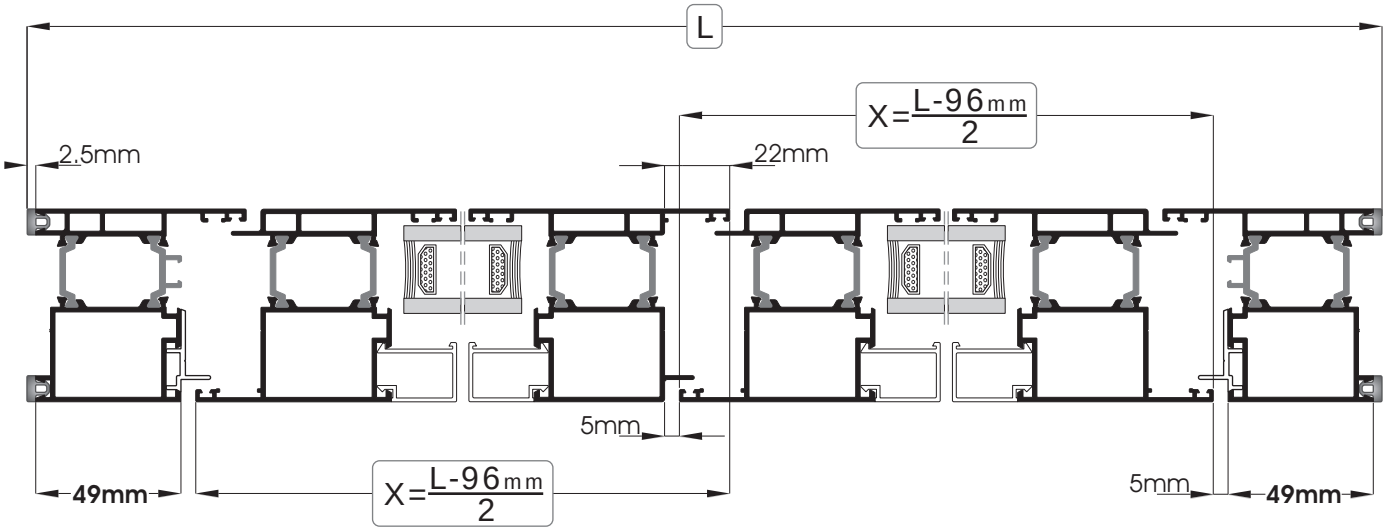


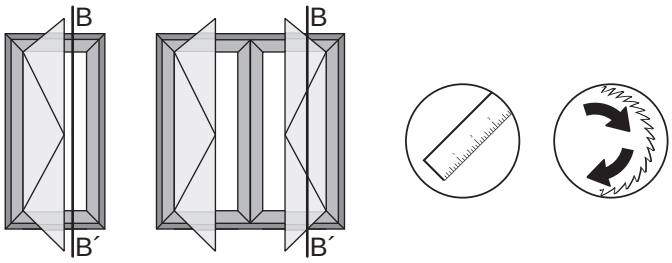
COPLANAR

ΔΙΦΥΛΛΟ ΕΣΩΤΕΡΙΚΑ ΑΝΟΙΓΟΜΕΝΟ
INTERNAL OPENING DOUBLE SASH WINDOW

L =ÐËÁÔÏÓ ÊÁÓÁÓ / FRAME WIDTH
X =ÐËÁÔÏÓ ÖÕËËÏÕ / SASH WIDTH
Z =ÕØÏÓ ÊÁÓÁÓ / FRAME HEIGHT
H =ÕØÏÓ ÖÕËËÏÕ / SASH HEIGHT
LA =ÐËÁÔÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME WIDTH WITH FIXED DECORATIVE COVER
ZA =ÕØÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME HEIGHT WITH FIXED DECORATIVE COVER
Ì =ÕØÏÓ ÌÐÉÍÉÏÕ / CLIP ON CENTRAL HEIGHT
Í =ÐËÁÔÏÓ ÌÐÉÍÉÏÕ / CLIP ON CENTRA WIDTH
× Á=ÐËÁÔÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER WIDTH
ÇÁ=ÕØÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER HEIGHT
T =ÐËÁÔÏÓ ÔÆÁÌÉÏÕ / GLASS WIDTH
R =ÕØÏÓ ÔÆÁÌÉÏÕ / GLASS HEIGHT
ℓ =ÅÓÙÔÅÑÉÊÏ ÐËÁÔÏÓ ÖÕËËÏÕ / INNER SASH WIDTH
d =ÅÓÙÔÅÑÉÊÏ ÕØÏÓ ÖÕËËÏÕ / INNER SASH HEIGHT

Κάσα με ύψος **49mm**:
*Frame with height **49mm**:*

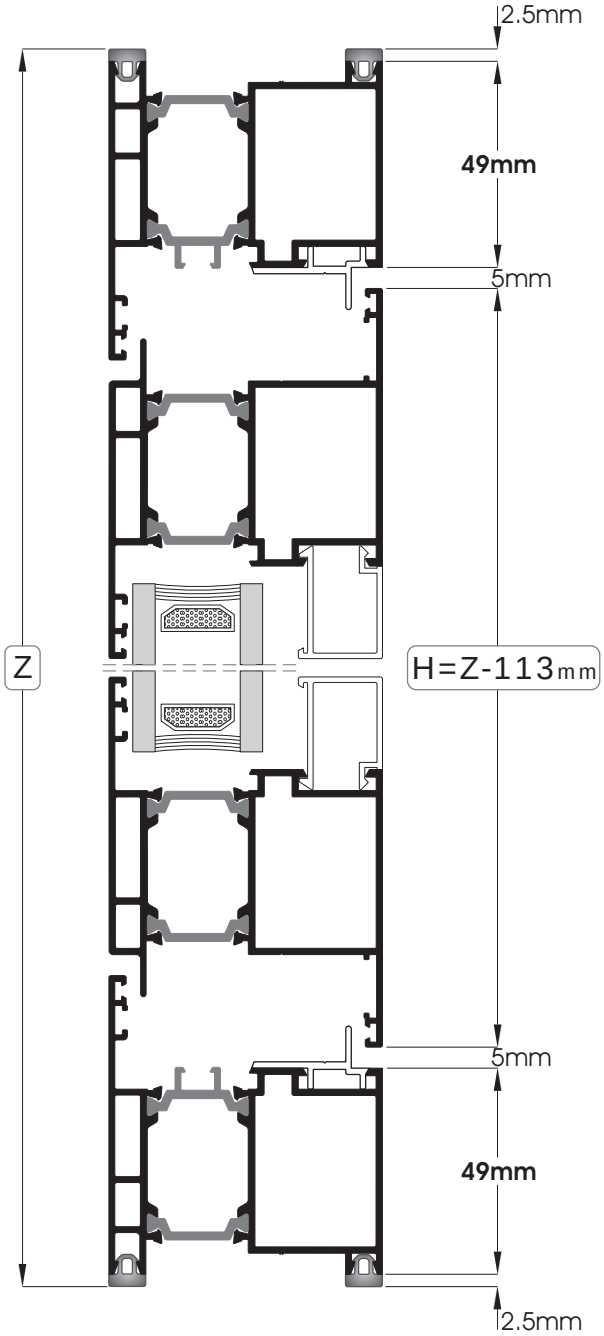




COPLANAR

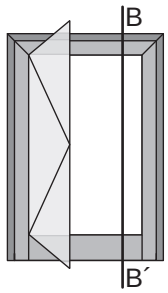
ΕΣΩΤΕΡΙΚΑ ΑΝΟΙΓΟΜΕΝΑ
INTERNAL OPENING WINDOWS

L =ÐËÁÔÏÓ ÊÁÓÁÓ / FRAME WIDTH
X =ÐËÁÔÏÓ ÖÕËËÏÕ / SASH WIDTH
Z =ÕØÏÓ ÊÁÓÁÓ / FRAME HEIGHT
H =ÕØÏÓ ÖÕËËÏÕ / SASH HEIGHT
LA =ÐËÁÔÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌ ÁÔÙÌ ÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME WIDTH WITH FIXED DECORATIVE COVER
ZA =ÕØÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌ ÁÔÙÌ ÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME HEIGHT WITH FIXED DECORATIVE COVER
Ì =ÕØÏÓ ÌÐÉÉÉÏÕ / CLIP ON CENTRAL HEIGHT
Í =ÐËÁÔÏÓ ÌÐÉÉÉÏÕ / CLIP ON CENTRA WIDTH
× Á =ÐËÁÔÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER WIDTH
ÇÁ =ÕØÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER HEIGHT
T =ÐËÁÔÏÓ ÔÆÁÌÉÏÕ / GLASS WIDTH
R =ÕØÏÓ ÔÆÁÌÉÏÕ / GLASS HEIGHT
ℓ =ÅÓÙÔÅÑÉÊÏ ÐËÁÔÏÓ ÖÕËËÏÕ / INNER SASH WIDTH
d =ÅÓÙÔÅÑÉÊÏ ÕØÏÓ ÖÕËËÏÕ / INNER SASH HEIGHT



Κάσα με ύψος **49mm**:
*Frame with height **49mm**:*

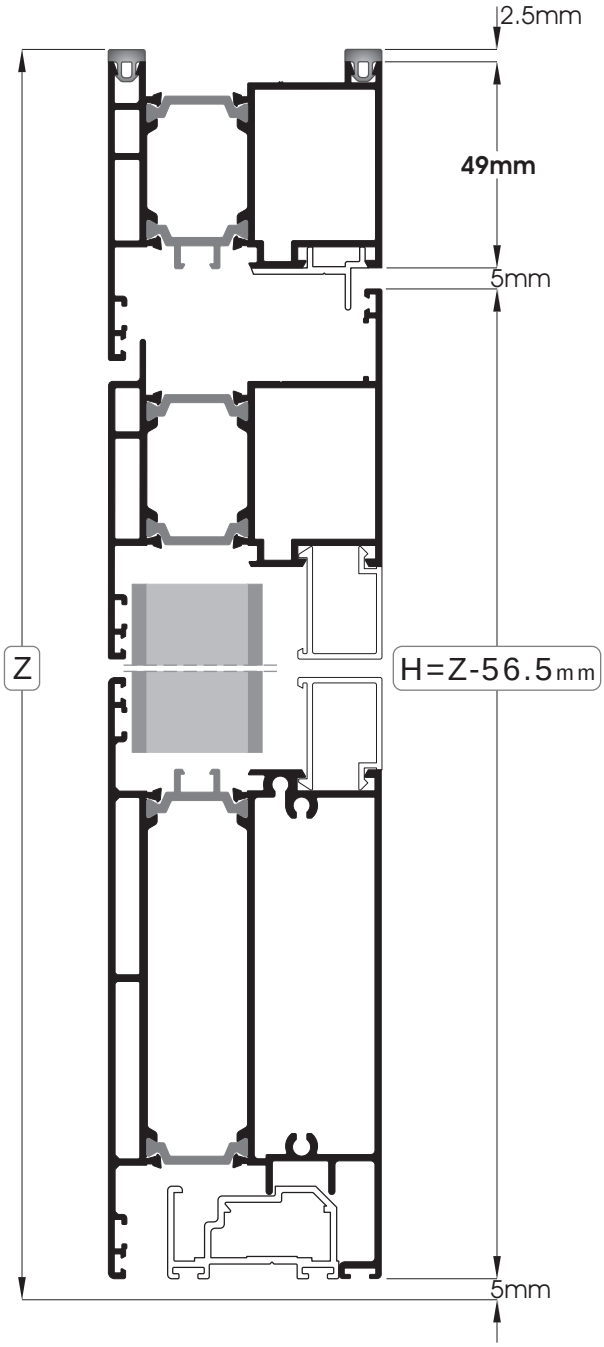
ΚΟΠΕΣ - CUTS



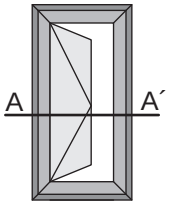
COPLANAR

ΠΟΡΤΕΣ ΕΣΩΤΕΡΙΚΑ ΑΝΟΙΓΟΜΕΝΕΣ
INTERNAL OPENING DOORS

L =ÐËÁÔÏÓ ÊÁÓÁÓ / FRAME WIDTH
X =ÐËÁÔÏÓ ÖÕËËÏÕ / SASH WIDTH
Z =ÕØÏÓ ÊÁÓÁÓ / FRAME HEIGHT
H =ÕØÏÓ ÖÕËËÏÕ / SASH HEIGHT
LA =ÐËÁÔÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME WIDTH WITH FIXED DECORATIVE COVER
ZA =ÕØÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME HEIGHT WITH FIXED DECORATIVE COVER
Ì =ÕØÏÓ ÌÐÉÍÉÏÕ / CLIP ON CENTRAL HEIGHT
Í =ÐËÁÔÏÓ ÌÐÉÍÉÏÕ / CLIP ON CENTRA WIDTH
× Á=ÐËÁÔÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER WIDTH
ÇÁ=ÕØÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER HEIGHT
T =ÐËÁÔÏÓ ÔÆÁ ÌÉÏÕ / GLASS WIDTH
R =ÕØÏÓ ÔÆÁ ÌÉÏÕ / GLASS HEIGHT
ℓ =ÅÓÙÔÅÑÉÊÏ ÐËÁÔÏÓ ÖÕËËÏÕ / INNER SASH WIDTH
d =ÅÓÙÔÅÑÉÊÏ ÕØÏÓ ÖÕËËÏÕ / INNER SASH HEIGHT



Κάσα με ύψος **49mm**:
*Frame with height **49mm**:*

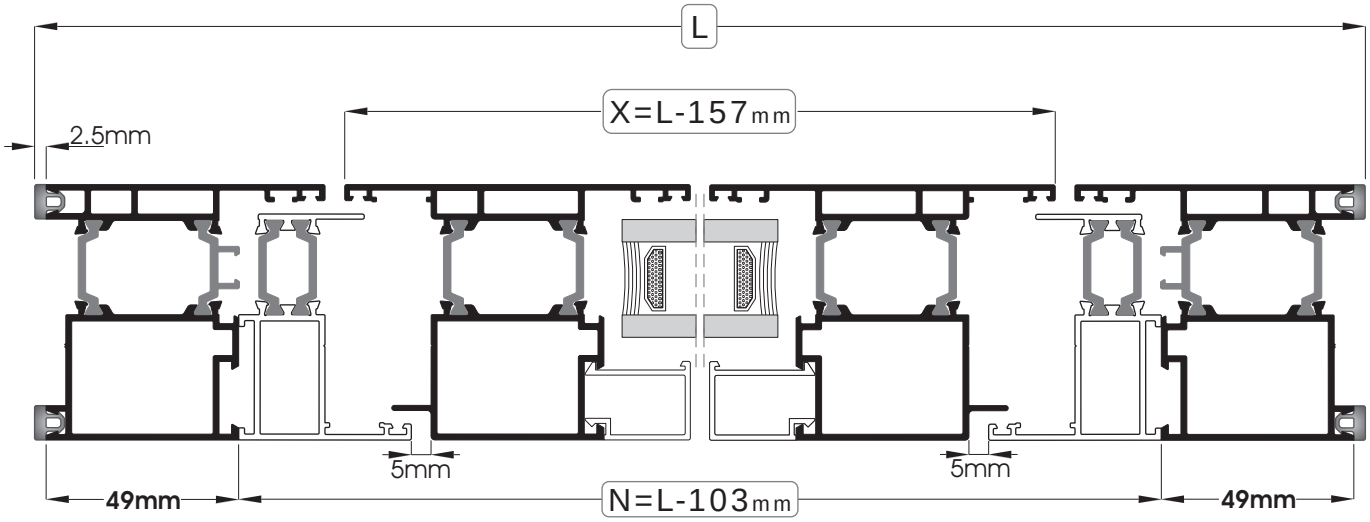


COPLANAR

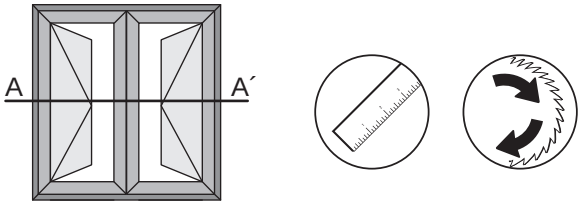
ΜΟΝΟΦΥΛΛΟ ΕΞΩΤΕΡΙΚΑ ΑΝΟΙΓΟΜΕΝΟ
EXTERNAL OPENING SINGLE SASH WINDOW

L =ÐËÁÔÏÓ ÊÁÓÁÓ / FRAME WIDTH
X =ÐËÁÔÏÓ ÖÕËËÏÕ / SASH WIDTH
Z =ÕØÏÓ ÊÁÓÁÓ / FRAME HEIGHT
H =ÕØÏÓ ÖÕËËÏÕ / SASH HEIGHT
LA =ÐËÁÔÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME WIDTH WITH FIXED DECORATIVE COVER
ZA =ÕØÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME HEIGHT WITH FIXED DECORATIVE COVER
Ì =ÕØÏÓ ÌÐÉÉÉÏÕ / CLIP ON CENTRAL HEIGHT
Í =ÐËÁÔÏÓ ÌÐÉÉÉÏÕ / CLIP ON CENTRA WIDTH
× Á=ÐËÁÔÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER WIDTH
ÇÁ=ÕØÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER HEIGHT
T =ÐËÁÔÏÓ ÔÆÁÌÉÏÕ / GLASS WIDTH
R =ÕØÏÓ ÔÆÁÌÉÏÕ / GLASS HEIGHT
ℓ =ÅÓÙÔÅÑÉÊÏ ÐËÁÔÏÓ ÖÕËËÏÕ / INNER SASH WIDTH
d =ÅÓÙÔÅÑÉÊÏ ÕØÏÓ ÖÕËËÏÕ / INNER SASH HEIGHT

Κάσα με ύψος **49mm**:
*Frame with height **49mm**:*



ΚΟΠΕΣ - CUTS

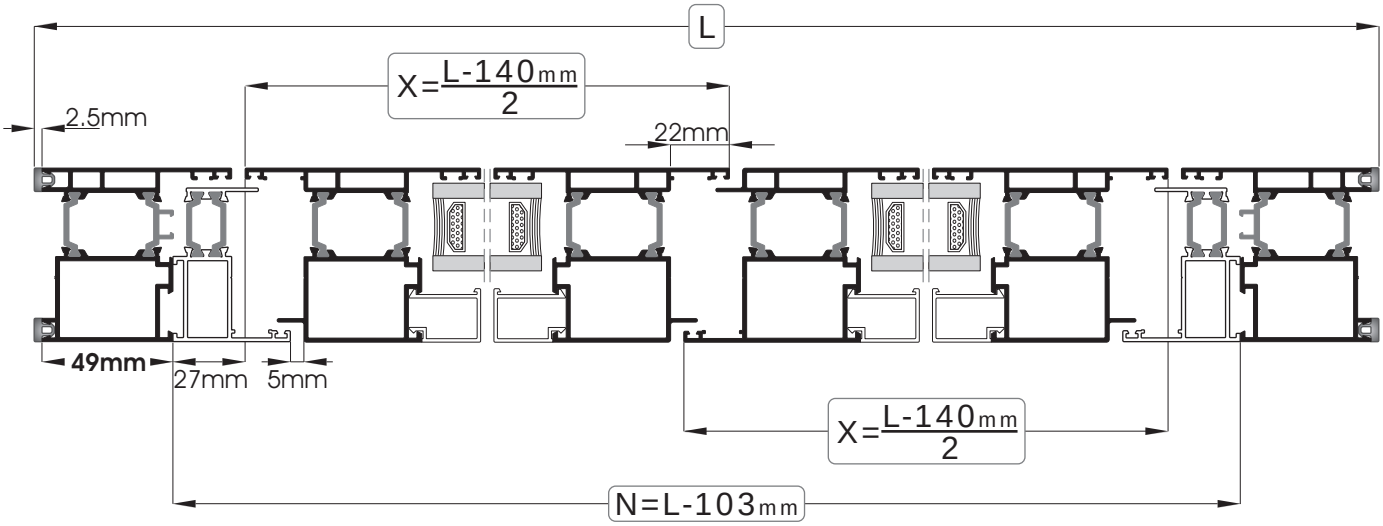


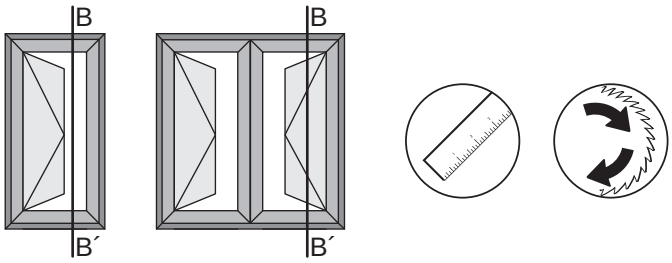
COPLANAR

ΔΙΦΥΛΛΟ ΕΞΩΤΕΡΙΚΑ ΑΝΟΙΓΟΜΕΝΟ
EXTERNAL OPENING DOUBLE SASH WINDOW

L =ÐËÁÔÏÓ ÊÁÓÁÓ / FRAME WIDTH
X =ÐËÁÔÏÓ ÖÕËËÏÕ / SASH WIDTH
Z =ÕØÏÓ ÊÁÓÁÓ / FRAME HEIGHT
H =ÕØÏÓ ÖÕËËÏÕ / SASH HEIGHT
LA =ÐËÁÔÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME WIDTH WITH FIXED DECORATIVE COVER
ZA =ÕØÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME HEIGHT WITH FIXED DECORATIVE COVER
Ì =ÕØÏÓ ÌÐÉÍÉÏÕ / CLIP ON CENTRAL HEIGHT
Í =ÐËÁÔÏÓ ÌÐÉÍÉÏÕ / CLIP ON CENTRA WIDTH
× Á=ÐËÁÔÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER WIDTH
ÇÁ=ÕØÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER HEIGHT
T =ÐËÁÔÏÓ ÔÆÁÌÉÏÕ / GLASS WIDTH
R =ÕØÏÓ ÔÆÁÌÉÏÕ / GLASS HEIGHT
ℓ =ÅÓÙÔÅÑÉÊÏ ÐËÁÔÏÓ ÖÕËËÏÕ / INNER SASH WIDTH
d =ÅÓÙÔÅÑÉÊÏ ÕØÏÓ ÖÕËËÏÕ / INNER SASH HEIGHT

Κάσα με ύψος **49mm**:
*Frame with height **49mm**:*

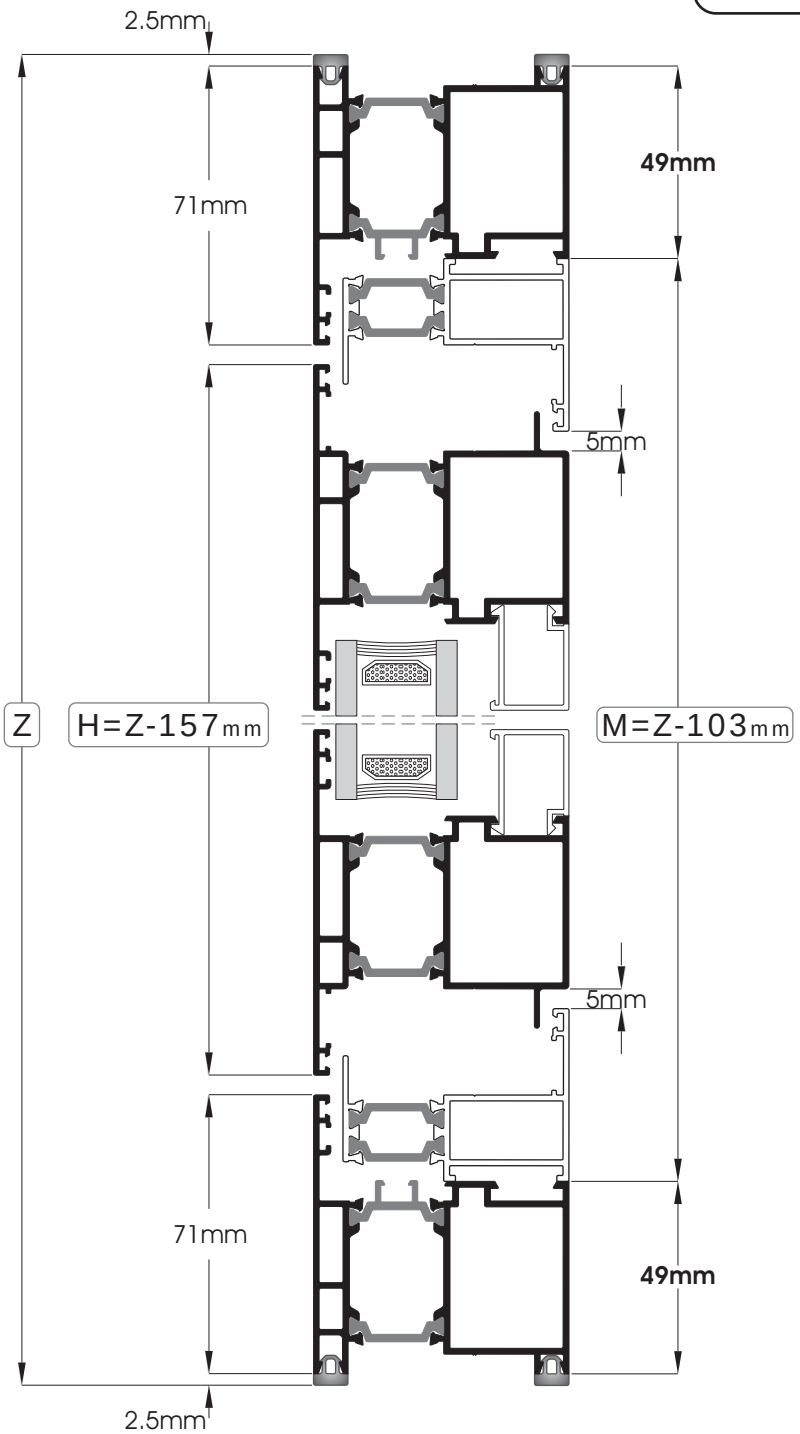




COPLANAR

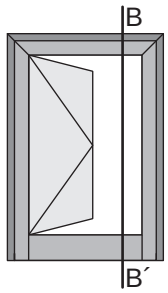
ΕΞΩΤΕΡΙΚΑ ΑΝΟΙΓΟΜΕΝΑ
EXTERNAL OPENING WINDOWS

L =ÐËÁÔÏÓ ÊÁÓÁÓ / FRAME WIDTH
X =ÐËÁÔÏÓ ÖÕËËÏÕ / SASH WIDTH
Z =ÕØÏÓ ÊÁÓÁÓ / FRAME HEIGHT
H =ÕØÏÓ ÖÕËËÏÕ / SASH HEIGHT
LA =ÐËÁÔÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌ ÁÔÙÌ ÅÍÏ ÁÑÌ ÏÊÁËÕÐÔÑÏ
FRAME WIDTH WITH FIXED DECORATIVE COVER
ZA =ÕØÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌ ÁÔÙÌ ÅÍÏ ÁÑÌ ÏÊÁËÕÐÔÑÏ
FRAME HEIGHT WITH FIXED DECORATIVE COVER
Ì =ÕØÏÓ ÌÐÉÉÉÏÕ / CLIP ON CENTRAL HEIGHT
Í =ÐËÁÔÏÓ ÌÐÉÉÉÏÕ / CLIP ON CENTRA WIDTH
× Á=ÐËÁÔÏÓ ÁÑÌ ÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER WIDTH
ÇÁ=ÕØÏÓ ÁÑÌ ÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER HEIGHT
T =ÐËÁÔÏÓ ÔÆÁÌÉÏÕ / GLASS WIDTH
R =ÕØÏÓ ÔÆÁÌÉÏÕ / GLASS HEIGHT
ℓ =ÅÓÙÔÅÑÉÊÏ ÐËÁÔÏÓ ÖÕËËÏÕ / INNER SASH WIDTH
d =ÅÓÙÔÅÑÉÊÏ ÕØÏÓ ÖÕËËÏÕ / INNER SASH HEIGHT



Κάσα με ύψος **49mm**:
*Frame with height **49mm**:*

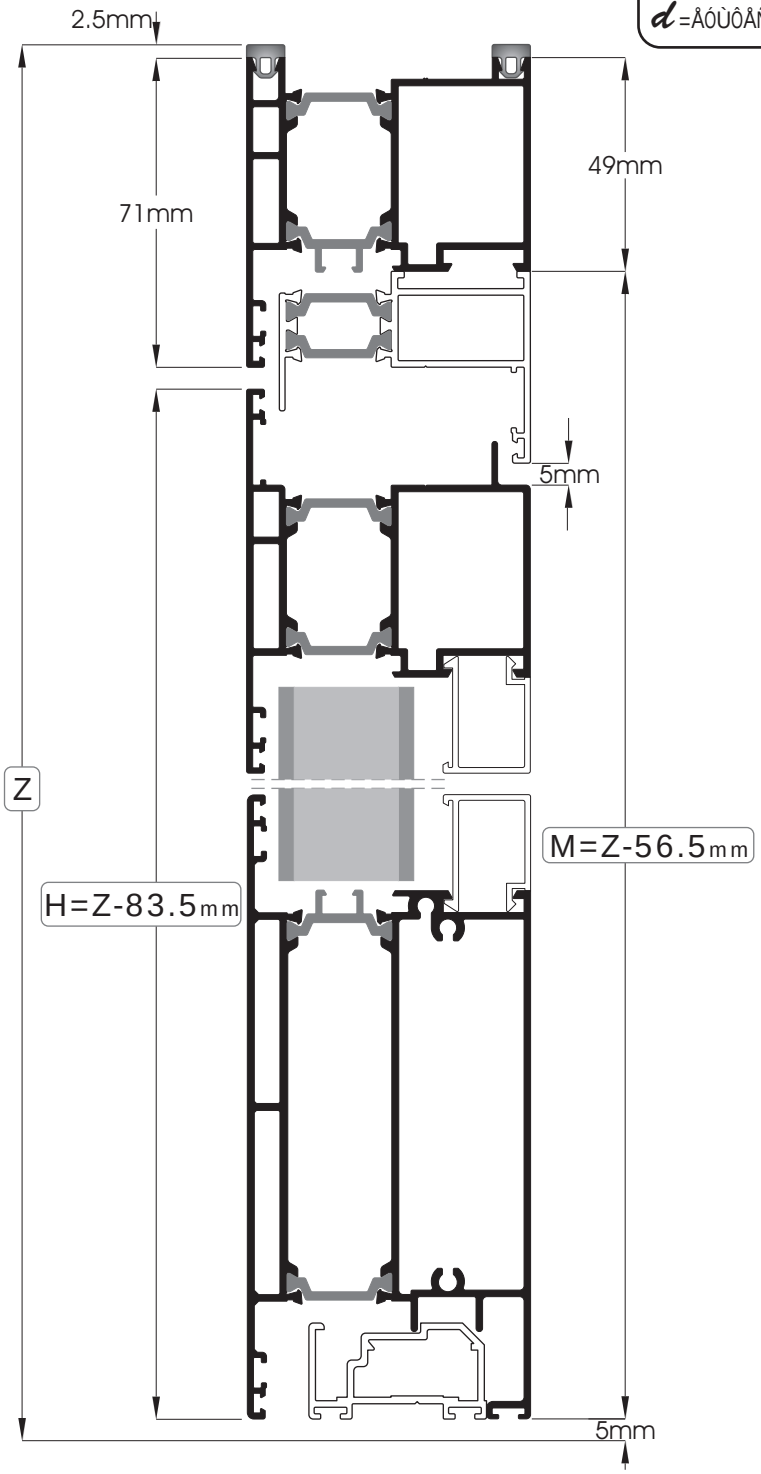
ΚΟΠΕΣ - CUTS



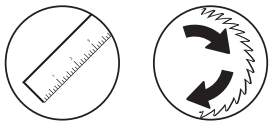
COPLANAR

ΠΟΡΤΕΣ ΕΞΩΤΕΡΙΚΑ ΑΝΟΙΓΟΜΕΝΕΣ
EXTERNAL OPENING DOORS

L =ÐËÁÔÏÓ ÊÁÓÁÓ / FRAME WIDTH
X =ÐËÁÔÏÓ ÖÕËËÏÕ / SASH WIDTH
Z =ÕØÏÓ ÊÁÓÁÓ / FRAME HEIGHT
H =ÕØÏÓ ÖÕËËÏÕ / SASH HEIGHT
LA =ÐËÁÔÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME WIDTH WITH FIXED DECORATIVE COVER
ZA =ÕØÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME HEIGHT WITH FIXED DECORATIVE COVER
Ì =ÕØÏÓ ÌÐÉÍÉÏÕ / CLIP ON CENTRAL HEIGHT
Í =ÐËÁÔÏÓ ÌÐÉÍÉÏÕ / CLIP ON CENTRA WIDTH
× Á=ÐËÁÔÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER WIDTH
ÇÁ=ÕØÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER HEIGHT
T =ÐËÁÔÏÓ ÔÆÁÌÉÏÕ / GLASS WIDTH
R =ÕØÏÓ ÔÆÁÌÉÏÕ / GLASS HEIGHT
ℓ =ÅÓÙÔÅÑÉÊÏ ÐËÁÔÏÓ ÖÕËËÏÕ / INNER SASH WIDTH
d =ÅÓÙÔÅÑÉÊÏ ÕØÏÓ ÖÕËËÏÕ / INNER SASH HEIGHT



Κάσα με ύψος **49mm**:
*Frame with height **49mm**:*

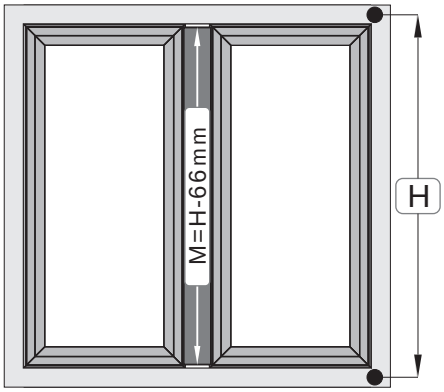


ΜΠΙΝΙ / *CLIP ON CENTRAL*
ΑΡΜΟΚΑΛΥΠΤΡΟ / *DECORATIVE COVER*

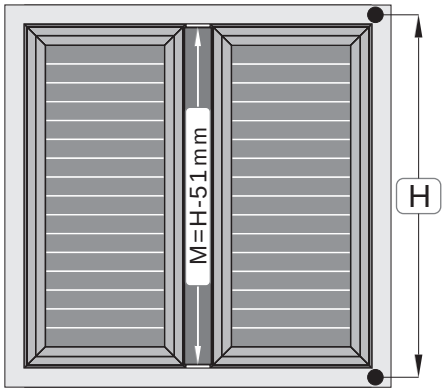
L =ÐËÁÔÏÓ ÊÁÓÁÓ / FRAME WIDTH
X =ÐËÁÔÏÓ ÖÕËËÏÕ / SASH WIDTH
Z =ÕØÏÓ ÊÁÓÁÓ / FRAME HEIGHT
H =ÕØÏÓ ÖÕËËÏÕ / SASH HEIGHT
LA =ÐËÁÔÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏ ÏÊÁËÕÐÔÑÏ
FRAME WIDTH WITH FIXED DECORATIVE COVER
ZA =ÕØÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏ ÏÊÁËÕÐÔÑÏ
FRAME HEIGHT WITH FIXED DECORATIVE COVER
Ì =ÕØÏÓ ÌÐÉÉÉÏÕ / CLIP ON CENTRAL HEIGHT
Í =ÐËÁÔÏÓ ÌÐÉÉÉÏÕ / CLIP ON CENTRA WIDTH
×Á=ÐËÁÔÏÓ ÁÑÌÏ ÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER WIDTH
ÇÁ=ÕØÏÓ ÁÑÌÏ ÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER HEIGHT
T =ÐËÁÔÏÓ ÔÆÁÌÉÏÕ / GLASS WIDTH
R =ÕØÏÓ ÔÆÁÌÉÏÕ / GLASS HEIGHT
ℓ =ÅÓÙÔÅÑÉÊÏ ÐËÁÔÏÓ ÖÕËËÏÕ / INNER SASH WIDTH
d =ÅÓÙÔÅÑÉÊÏ ÕØÏÓ ÖÕËËÏÕ / INNER SASH HEIGHT

ΜΕ ΦΥΛΛΟ No.1128
WITH SASH No.1128

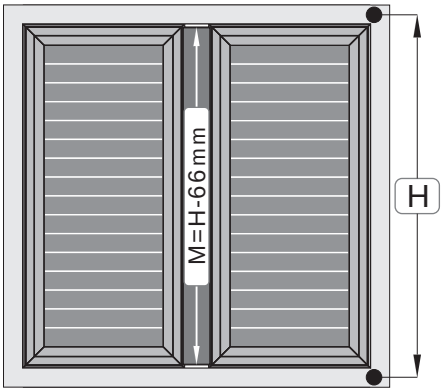
ΜΕ ΦΥΛΛΟ No.1117
WITH SASH No.1117



ΜΠΙΝΙ No.1303
CLIP ON CENTRAL No.1303

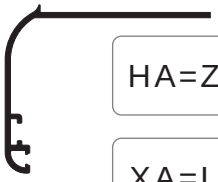


ΜΠΙΝΙ No.1103
CLIP ON CENTRAL No.1103



ΜΠΙΝΙ No.1103
CLIP ON CENTRAL No.1103

ΑΡΜΟΚΑΛΥΠΤΡΟ No.K1408
DECORATIVE COVER No.K1408



HA=Z+85mm

XA=L+85mm

ΑΡΜΟΚΑΛΥΠΤΡΟ No.K1409
DECORATIVE COVER No.K1409

HA=Z+85mm

XA=L+85mm

ΑΡΜΟΚΑΛΥΠΤΡΟ No.K1414
DECORATIVE COVER No.K1414

HA=Z+85mm

XA=L+85mm

ΑΡΜΟΚΑΛΥΠΤΡΟ No.K1416
DECORATIVE COVER No.K1416

HA=Z+85.6mm

XA=L+85.6mm

ΛΙΣΤΑ ΚΟΠΩΝ - CUTTING LIST

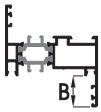
ÕØÏÓ
HEIGHT

ΚΑΣΑ / FRAME		
ΚΑΣΑ ΜΕ ΥΨΟΣ FRAME WITH HEIGHT	ΤΖΑΜΙ & ΠΑΤΖΟΥΡΙ GLASS & SHUTTER	ΠΟΡΤΑ DOOR
28mm	H=Z-49mm	H=Z-50mm
32.5mm	H=Z-58mm	
33.2mm	H=Z-59.5mm	
49mm	H=Z-91mm	

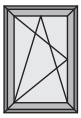
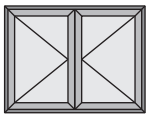
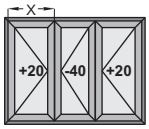
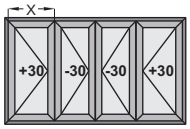
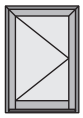
ΚΑΣΑ ΜΕ ΕΝΣΩΜΑΤΩΜΕΝΟ ΑΡΜΟΚΑΛΥΠΤΡΟ FRAME WITH FIXED DECORATIVE COVER	
ΚΑΣΑ ΜΕ ΥΨΟΣ FRAME WITH HEIGHT	ΤΖΑΜΙ & ΠΑΤΖΟΥΡΙ GLASS & SHUTTER
28mm	H=Z-49mm
49mm	H=Z-91mm
	ZA=Z+(2xBmm)

L =ÐËÁÔÏÓ ÊÁÓÁÓ / FRAME WIDTH
X =ÐËÁÔÏÓ ÖÕËËÏÕ / SASH WIDTH
Z =ÕØÏÓ ÊÁÓÁÓ / FRAME HEIGHT
H =ÕØÏÓ ÖÕËËÏÕ / SASH HEIGHT
LA =ÐËÁÔÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙ ÌÅÍÏ ÁÑÌ ÏÊÁËÕÐÔÑÏ FRAME WIDTH WITH FIXED DECORATIVE COVER
ZA =ÕØÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙ ÌÅÍÏ ÁÑÌ ÏÊÁËÕÐÔÑÏ FRAME HEIGHT WITH FIXED DECORATIVE COVER
Ì =ÕØÏÓ ÌÉÉÍÉÏÕ / CLIP ON CENTRAL HEIGHT
Í =ÐËÁÔÏÓ ÌÉÉÍÉÏÕ / CLIP ON CENTRA WIDTH
×Á =ÐËÁÔÏÓ ÁÑÌ ÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER WIDTH
ÇÁ =ÕØÏÓ ÁÑÌ ÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER HEIGHT
T =ÐËÁÔÏÓ ÔÆÁÌÉÏÕ / GLASS WIDTH
R =ÕØÏÓ ÔÆÁÌÉÏÕ / GLASS HEIGHT
ℓ =ÅÓÙÔÅÑÉÊÏ ÐËÁÔÏÓ ÖÕËËÏÕ / INNER SASH WIDTH
d =ÅÓÙÔÅÑÉÊÏ ÕØÏÓ ÖÕËËÏÕ / INNER SASH HEIGHT

B =



ÐËÁÔÏÓ
WIDTH

ΚΑΣΑ FRAME	ΜΟΝΟΦΥΛΛΟ ΑΝΟΙΓΟΜΕΝΟ TURN SINGLE SASH WINDOW	ΔΙΦΥΛΛΟ ΑΝΟΙΓΟΜΕΝΟ TURN DOUBLE SASH WINDOW	ΤΡΙΦΥΛΛΟ ΑΝΟΙΓΟΜΕΝΟ TURN TRIPLE SASH WINDOW	ΤΕΤΡΑΦΥΛΛΟ ΑΝΟΙΓΟΜΕΝΟ TURN FOUR SASH WINDOW	ΠΟΡΤΑ DOOR
					
ΚΑΣΑ ΜΕ ΥΨΟΣ FRAME WITH HEIGHT	ΤΖΑΜΙ & ΠΑΤΖΟΥΡΙ GLASS & SHUTTER	ΤΖΑΜΙ & ΠΑΤΖΟΥΡΙ GLASS & SHUTTER	ΤΖΑΜΙ & ΠΑΤΖΟΥΡΙ GLASS & SHUTTER	ΤΖΑΜΙ & ΠΑΤΖΟΥΡΙ GLASS & SHUTTER	
28mm	×=L-49mm	$X=\frac{L-55mm}{2}$	$X=\frac{L-61mm}{3}$	$X=\frac{L-67mm}{4}$	×=L-49mm
32.5mm	×=L-58mm	$X=\frac{L-64mm}{2}$	$X=\frac{L-70mm}{3}$	$X=\frac{L-76mm}{4}$	
33.2mm	×=L-59.5mm	$X=\frac{L-65.5mm}{2}$	$X=\frac{L-71.5mm}{3}$	$X=\frac{L-77.5mm}{4}$	
49mm	×=L-91mm	$X=\frac{L-97mm}{2}$	$X=\frac{L-103mm}{3}$	$X=\frac{L-109mm}{4}$	
			ΑΚΡΑΙΑ ΦΥΛΛΑ OUTSIDE SASHES: X+20mm; ΜΕΣΑΙΑ ΦΥΛΛΑ MIDDLE SASHES: X-40mm	ΑΚΡΑΙΑ ΦΥΛΛΑ OUTSIDE SASHES: X+30mm; ΜΕΣΑΙΑ ΦΥΛΛΑ MIDDLE SASHES: X-30mm	
ΚΑΣΑ ΜΕ ΕΝΣΩΜΑΤΩΜΕΝΟ ΑΡΜΟΚΑΛΥΠΤΡΟ FRAME WITH FIXED DECORATIVE COVER					
ΚΑΣΑ ΜΕ ΥΨΟΣ FRAME WITH HEIGHT	ΤΖΑΜΙ & ΠΑΤΖΟΥΡΙ GLASS & SHUTTER	ΤΖΑΜΙ & ΠΑΤΖΟΥΡΙ GLASS & SHUTTER	ΤΖΑΜΙ & ΠΑΤΖΟΥΡΙ GLASS & SHUTTER	ΤΖΑΜΙ & ΠΑΤΖΟΥΡΙ GLASS & SHUTTER	
28mm	×=L-49mm	$X=\frac{L-55mm}{2}$	$X=\frac{L-61mm}{3}$	$X=\frac{L-67mm}{4}$	
49mm	×=L-91mm	$X=\frac{L-97mm}{2}$	$X=\frac{L-103mm}{3}$	$X=\frac{L-109mm}{4}$	
			ΑΚΡΑΙΑ ΦΥΛΛΑ OUTSIDE SASHES: X+20mm; ΜΕΣΑΙΑ ΦΥΛΛΑ MIDDLE SASHES: X-40mm	ΑΚΡΑΙΑ ΦΥΛΛΑ OUTSIDE SASHES: X+30mm; ΜΕΣΑΙΑ ΦΥΛΛΑ MIDDLE SASHES: X-30mm	

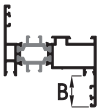
COPLANAR

ÕØÏÓ
HEIGHT

ΕΣΩΤΕΡΙΚΑ ΑΝΟΙΓΟΜΕΝΑ / INTERNAL OPENINGS		
ΚΑΣΑ ΜΕ ΥΨΟΣ FRAME WITH HEIGHT	ΤΖΑΜΙ GLASS	ΠΟΡΤΑ DOOR
49mm	H=Z-113mm	H=Z-56.5mm

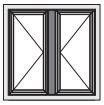
ΕΞΩΤΕΡΙΚΑ ΑΝΟΙΓΟΜΕΝΑ / EXTERNAL OPENINGS		
ΚΑΣΑ ΜΕ ΥΨΟΣ FRAME WITH HEIGHT	ΤΖΑΜΙ GLASS	ΠΟΡΤΑ DOOR
49mm	H=Z-157mm	H=Z-83.5mm
	M=Z-103mm	M=Z-56.5mm

L =ÐËÁÔÏÓ ÊÁÓÁÓ / FRAME WIDTH
X =ÐËÁÔÏÓ ÖÕËËÏÕ / SASH WIDTH
Z =ÕØÏÓ ÊÁÓÁÓ / FRAME HEIGHT
H =ÕØÏÓ ÖÕËËÏÕ / SASH HEIGHT
LA =ÐËÁÔÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME WIDTH WITH FIXED DECORATIVE COVER
ZA =ÕØÏÓ ÊÁÓÁÓ ÌÅ ÅÍÓÙÌÁÔÙÌÅÍÏ ÁÑÌÏÊÁËÕÐÔÑÏ
FRAME HEIGHT WITH FIXED DECORATIVE COVER
Ì =ÕØÏÓ ÌÐÉÍÉÏÕ / CLIP ON CENTRAL HEIGHT
Í =ÐËÁÔÏÓ ÌÐÉÍÉÏÕ / CLIP ON CENTRA WIDTH
×Á=ÐËÁÔÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER WIDTH
ÇÁ=ÕØÏÓ ÁÑÌÏÊÁËÕÐÔÑÏÕ / DECORATIVE COVER HEIGHT
T =ÐËÁÔÏÓ ÔÆÁÌÉÏÕ / GLASS WIDTH
R =ÕØÏÓ ÔÆÁÌÉÏÕ / GLASS HEIGHT
ℓ =ÅÓÙÔÅÑÉÊÏ ÐËÁÔÏÓ ÖÕËËÏÕ / INNER SASH WIDTH
d =ÅÓÙÔÅÑÉÊÏ ÕØÏÓ ÖÕËËÏÕ / INNER SASH HEIGHT
B =



ÐËÁÔÏÓ
WIDTH

ΕΣΩΤΕΡΙΚΑ ΑΝΟΙΓΟΜΕΝΑ INTERNAL OPENINGS	ΜΟΝΟΦΥΛΛΟ ΑΝΟΙΓΟΜΕΝΟ TURN SINGLE SASH WINDOW	ΔΙΦΥΛΛΟ ΑΝΟΙΓΟΜΕΝΟ TURN DOUBLE SASH WINDOW	ΠΟΡΤΑ DOOR
ΚΑΣΑ ΜΕ ΥΨΟΣ FRAME WITH HEIGHT	TZAMI GLASS	TZAMI GLASS	
49mm	×=L-113mm	$X=\frac{L-96mm}{2}$	×=L-113mm
ΕΞΩΤΕΡΙΚΑ ΑΝΟΙΓΟΜΕΝΑ EXTERNAL OPENINGS			
ΚΑΣΑ ΜΕ ΥΨΟΣ FRAME WITH HEIGHT			
49mm	×=L-157mm	$X=\frac{L-140mm}{2}$	×=L-157mm
	N=L-103mm		

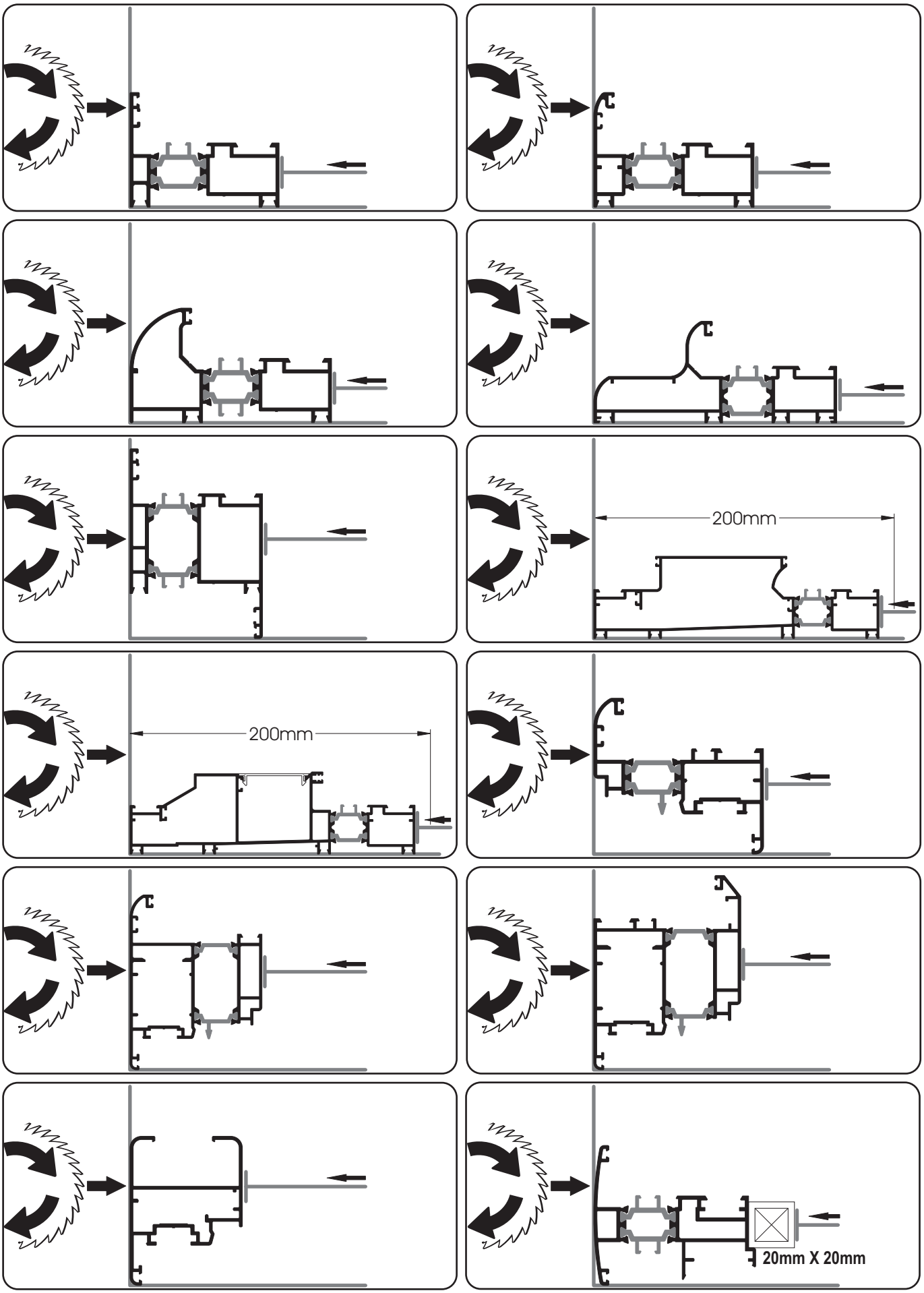


ΜΠΙΝΙ / CLIPS ON CENTRAL	
No.1303	M=H-66mm

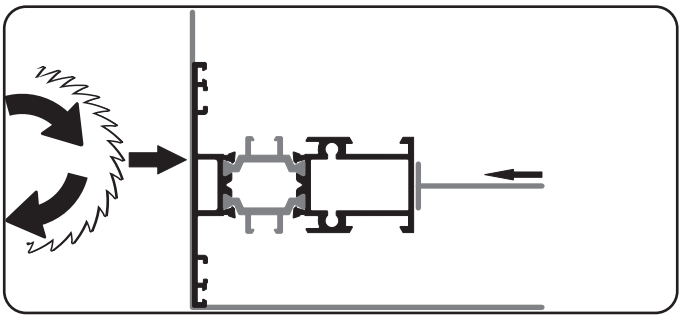
ΜΠΙΝΙ / CLIPS ON CENTRAL			
No.1103	ΜΕ ÖÕËËÏ WITH SASH	No.1128	M=H-51mm
No.1103	ΜΕ ÖÕËËÏ WITH SASH	No.1117	M=H-66mm

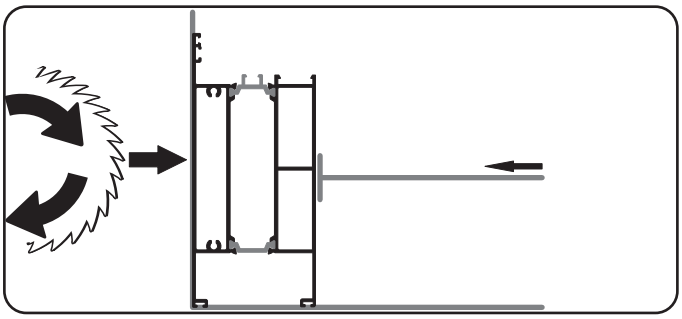
ΑΡΜΟΚΑΛΥΠΤΡΑ / DECORATIVE COVERS		
No.K1408	HA=Z+85mm	XA=L+85mm
No.K1409	HA=Z+85mm	XA=L+85mm
No.K1414	HA=Z+85mm	XA=L+85mm
No.K1416	HA=Z+85.6mm	XA=L+85.6mm

ΟΔΗΓΙΕΣ ΚΟΠΗΣ ΤΩΝ ΠΡΟΦΙΛ - INSTRUCTIONS FOR SAWING PROFILES

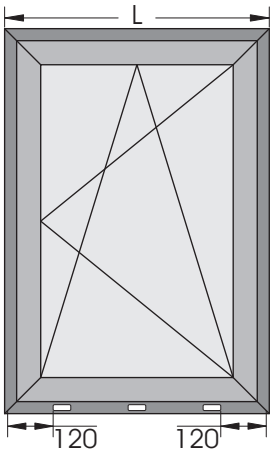


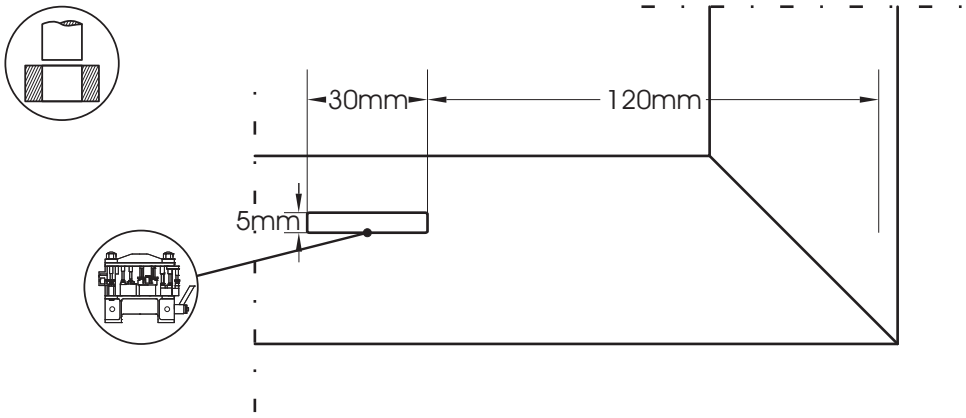
ΟΔΗΓΙΕΣ ΚΟΠΗΣ ΤΩΝ ΠΡΟΦΙΛ - INSTRUCTIONS FOR SAWING PROFILES



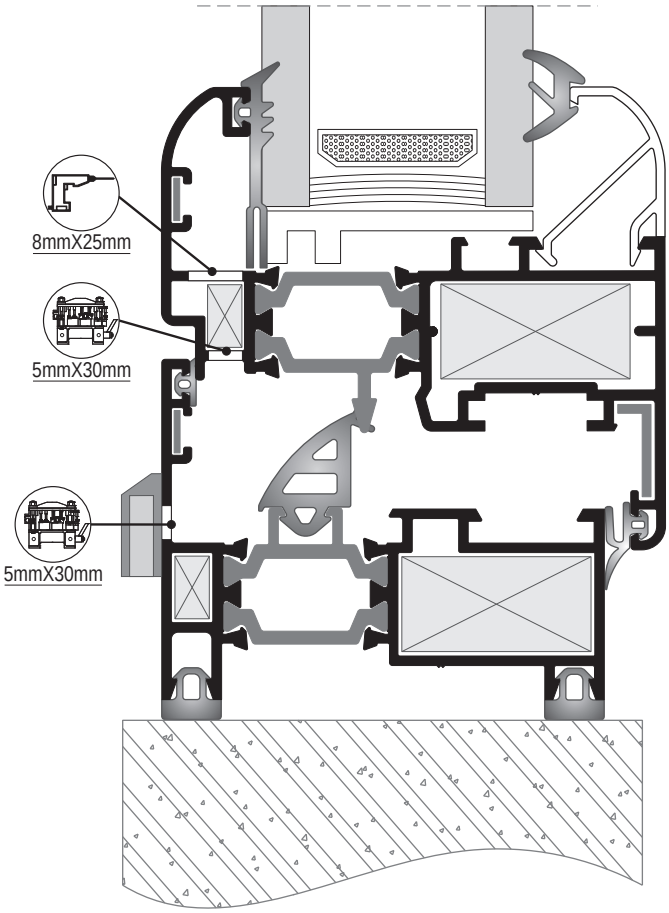


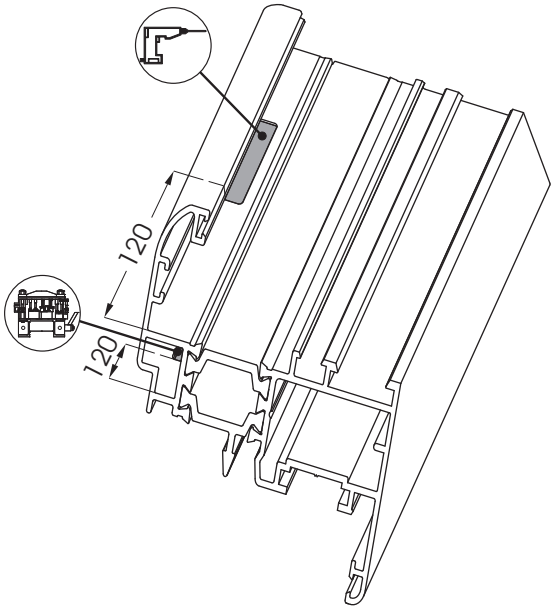
ΝΕΡΟΧΥΤΕΣ - WATER DRAINAGE

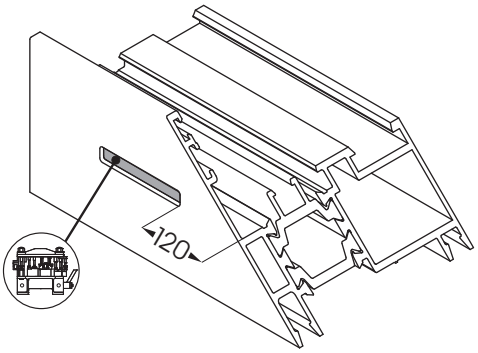




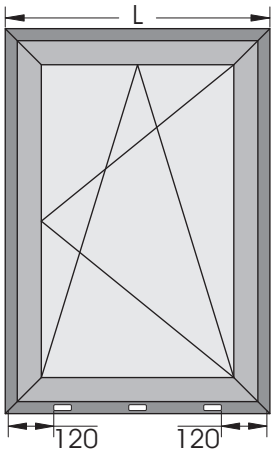
L 1300mm =3 νεροχύτες/water drainage
L 1300mm έως/to 1600mm =4 νεροχύτες/water drainage
L 1600mm έως/to 2100mm =5 νεροχύτες/water drainage

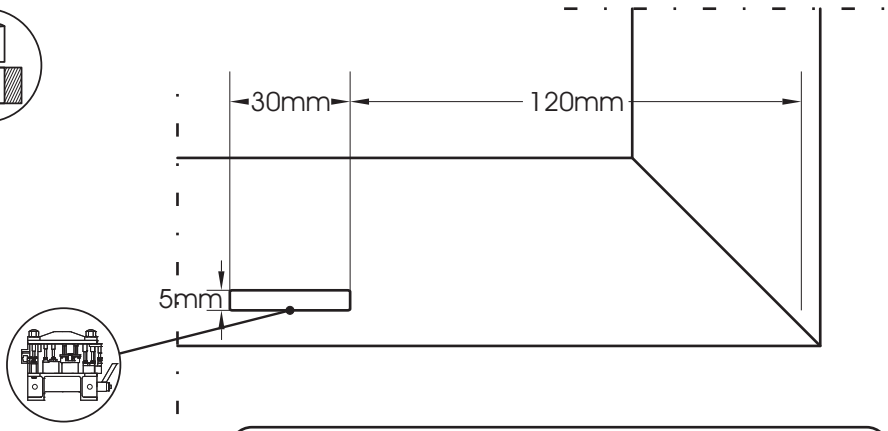




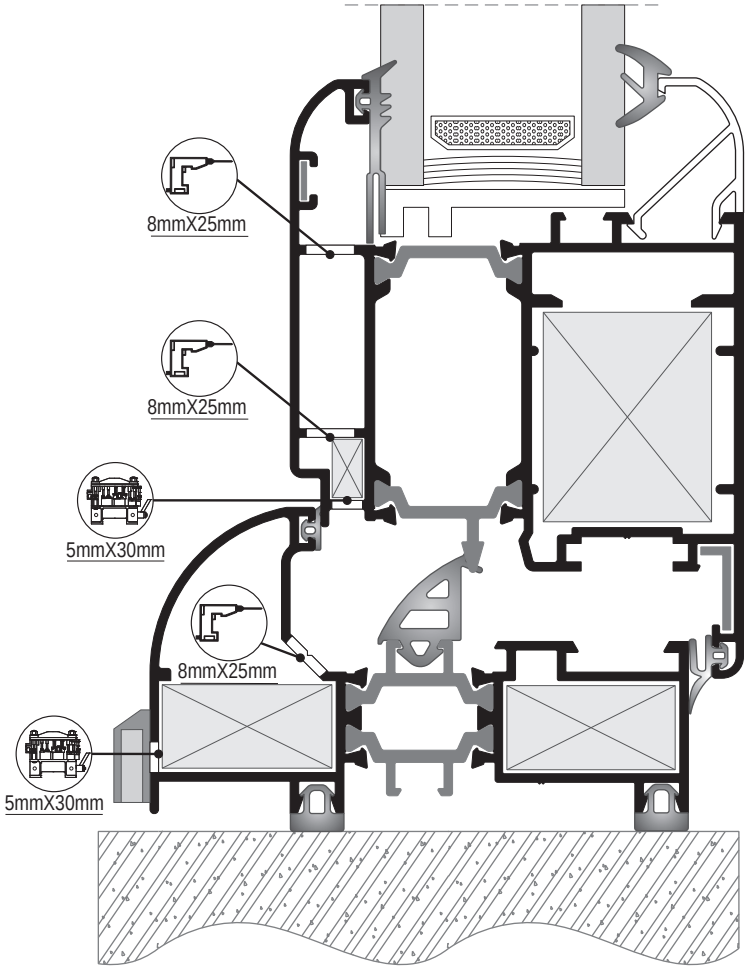


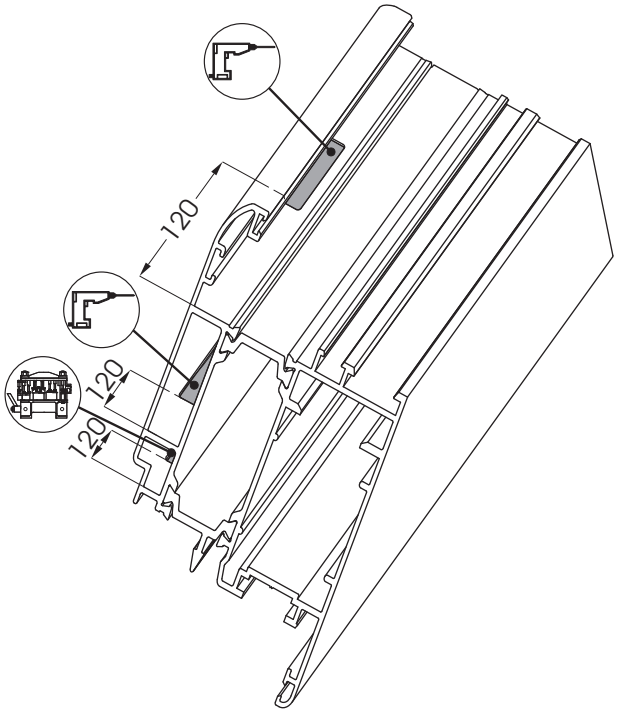
ΝΕΡΟΧΥΤΕΣ - WATER DRAINAGE

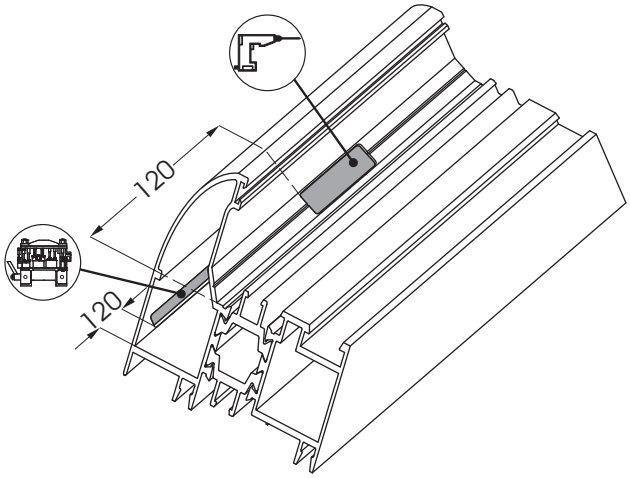




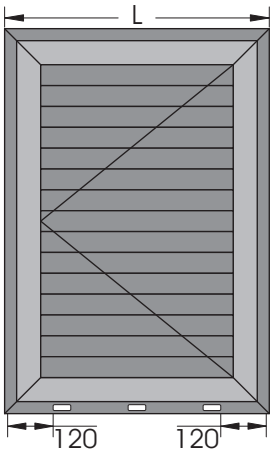
L 1300mm =3 νεροχύτες/water drainage
L 1300mm έως/to 1600mm =4 νεροχύτες/water drainage
L 1600mm έως/to 2100mm =5 νεροχύτες/water drainage

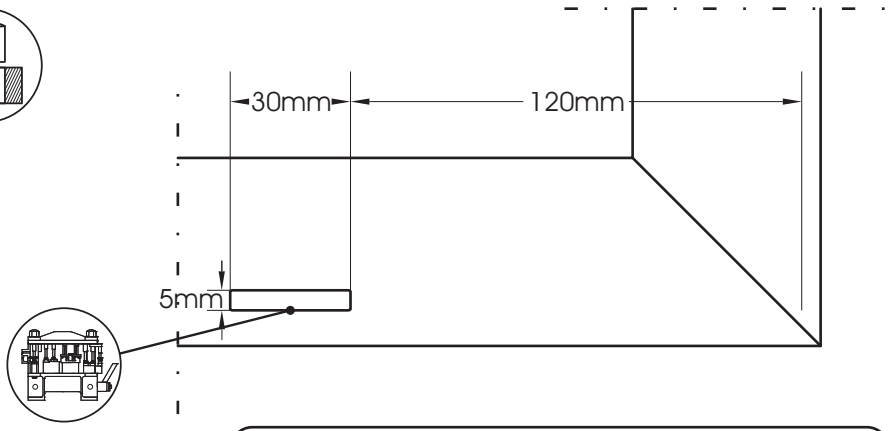




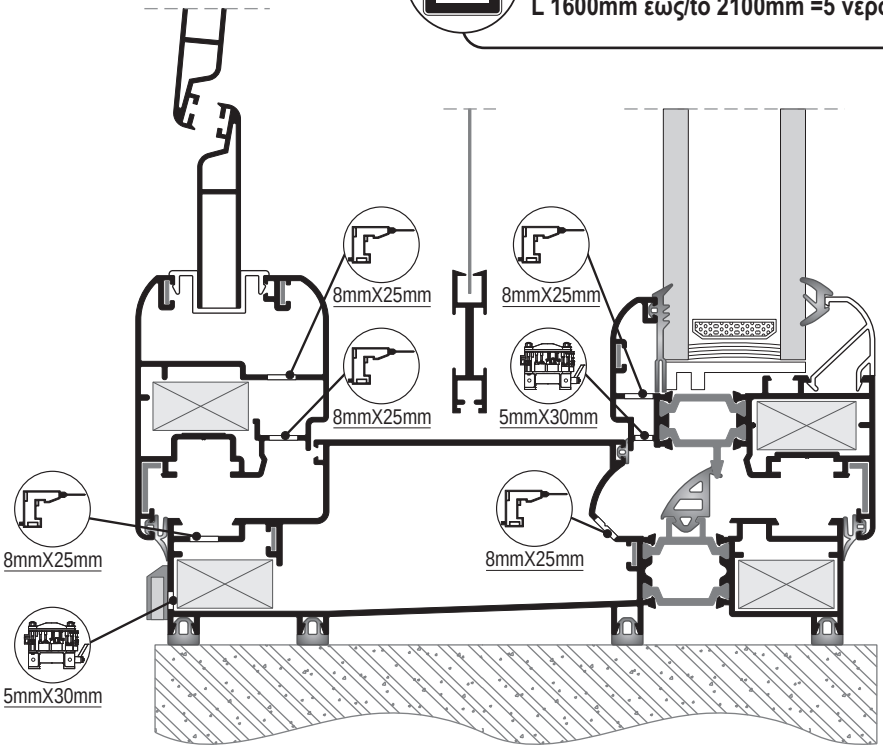


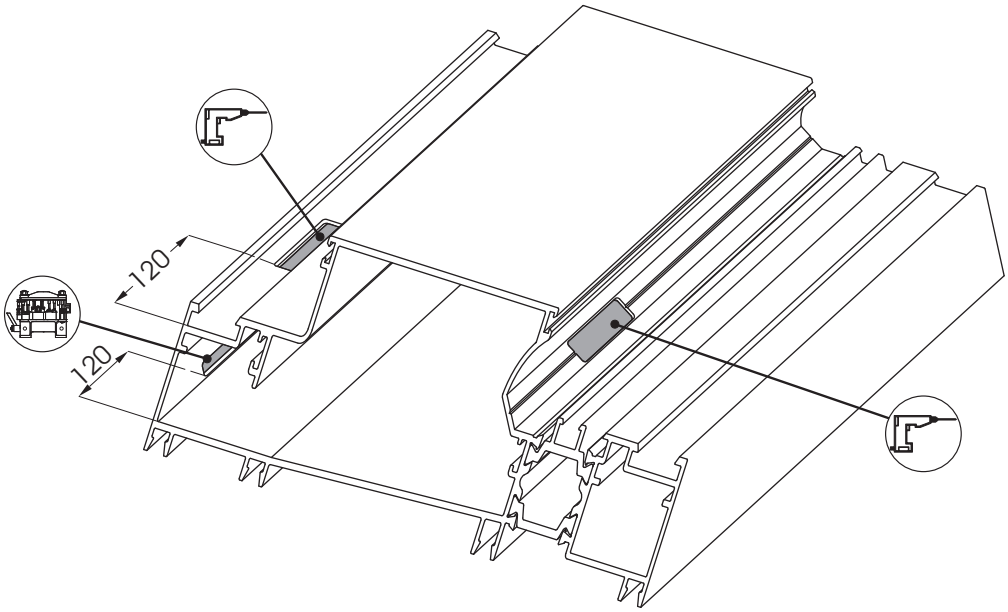
ΝΕΡΟΧΥΤΕΣ - WATER DRAINAGE



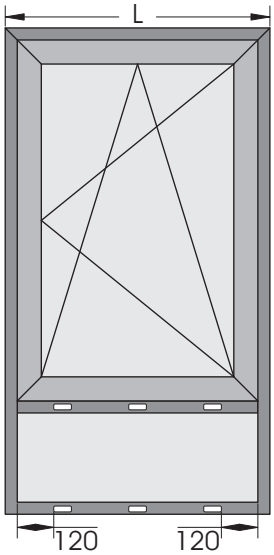


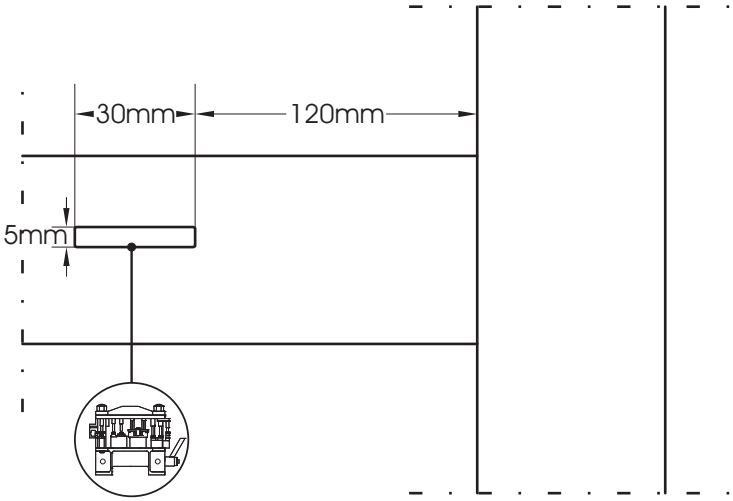
L 1300mm =3 νεροχύτες/water drainage
L 1300mm έως/to 1600mm =4 νεροχύτες/water drainage
L 1600mm έως/to 2100mm =5 νεροχύτες/water drainage



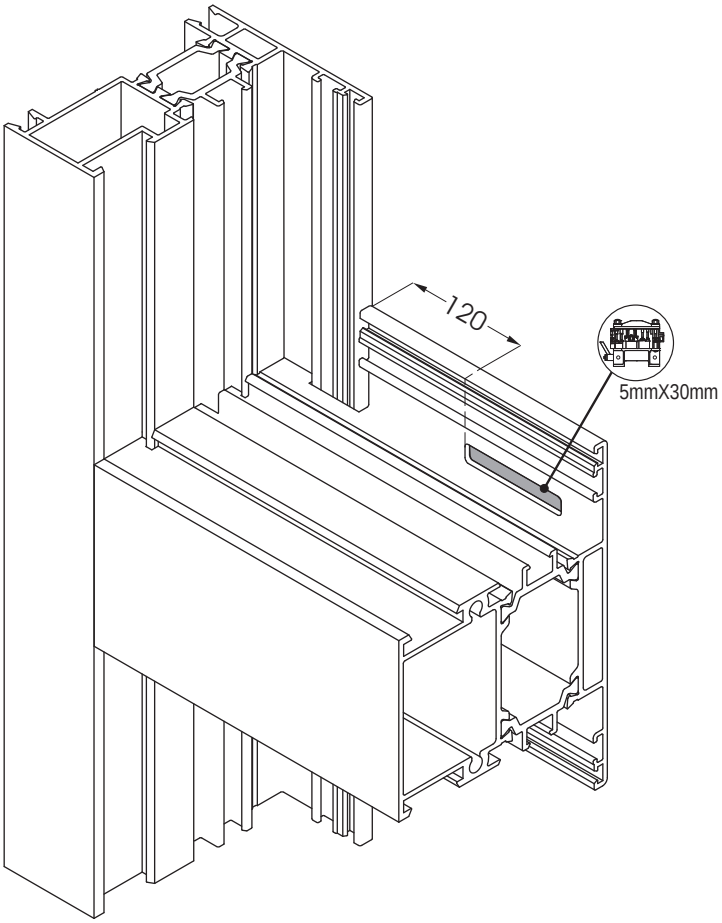


ΝΕΡΟΧΥΤΕΣ - WATER DRAINAGE

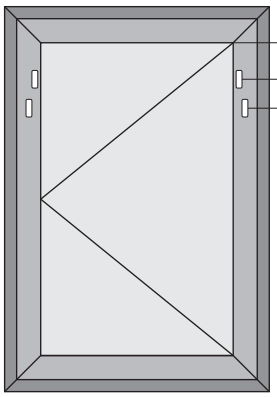


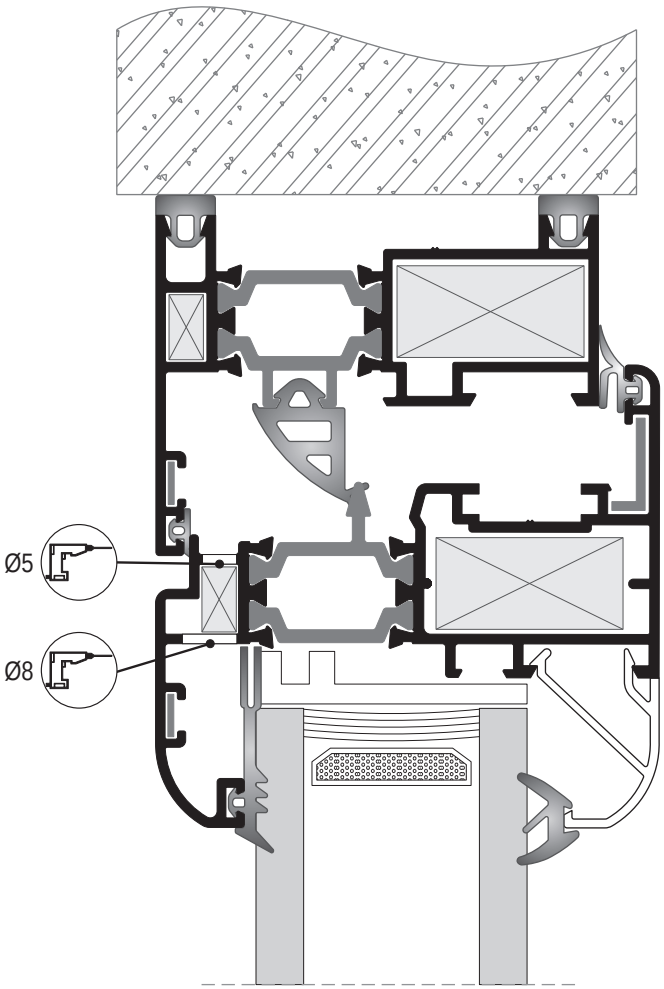


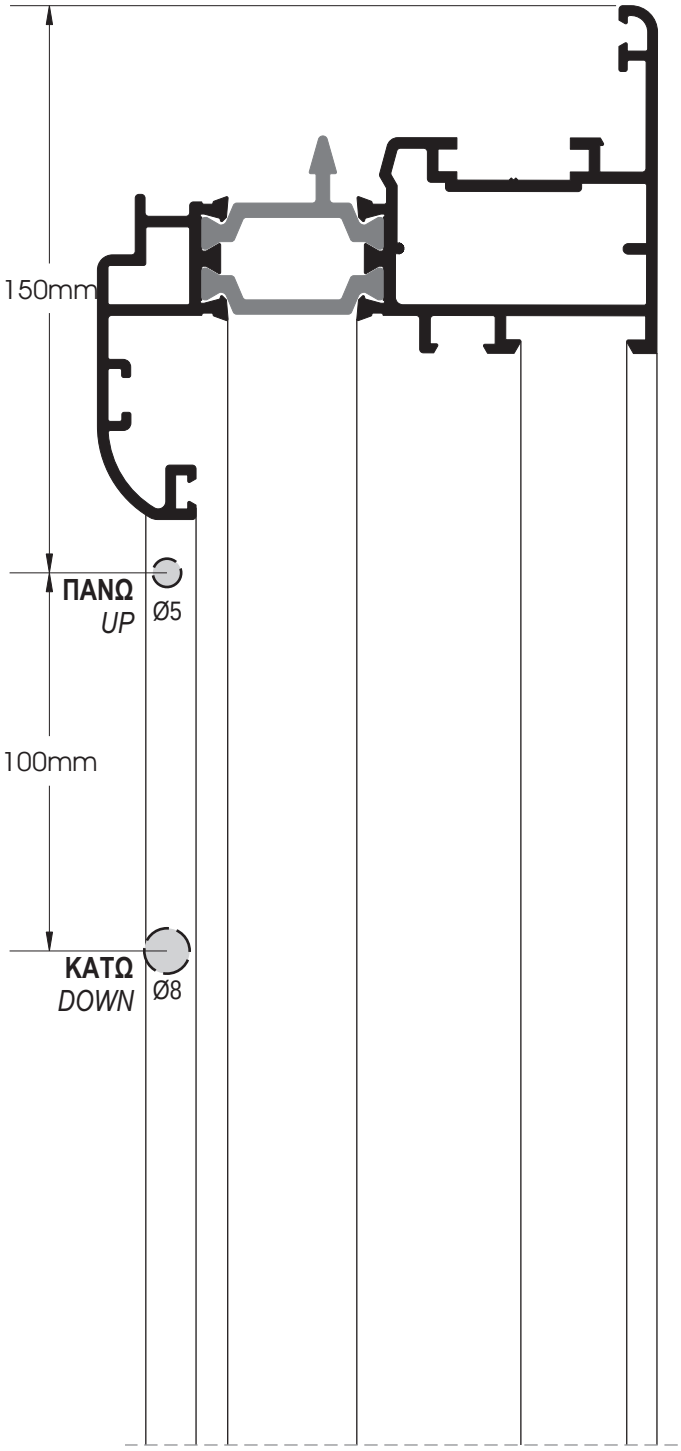
L 1300mm =3 νεροχύτες/water drainage
L 1300mm έως/to 1600mm =4 νεροχύτες/water drainage
L 1600mm έως/to 2100mm =5 νεροχύτες/water drainage



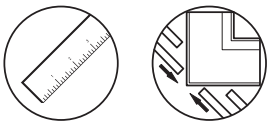
ΕΞΑΕΡΙΣΜΟΣ ΤΖΑΜΙΩΝ - GLASS VENTILATION

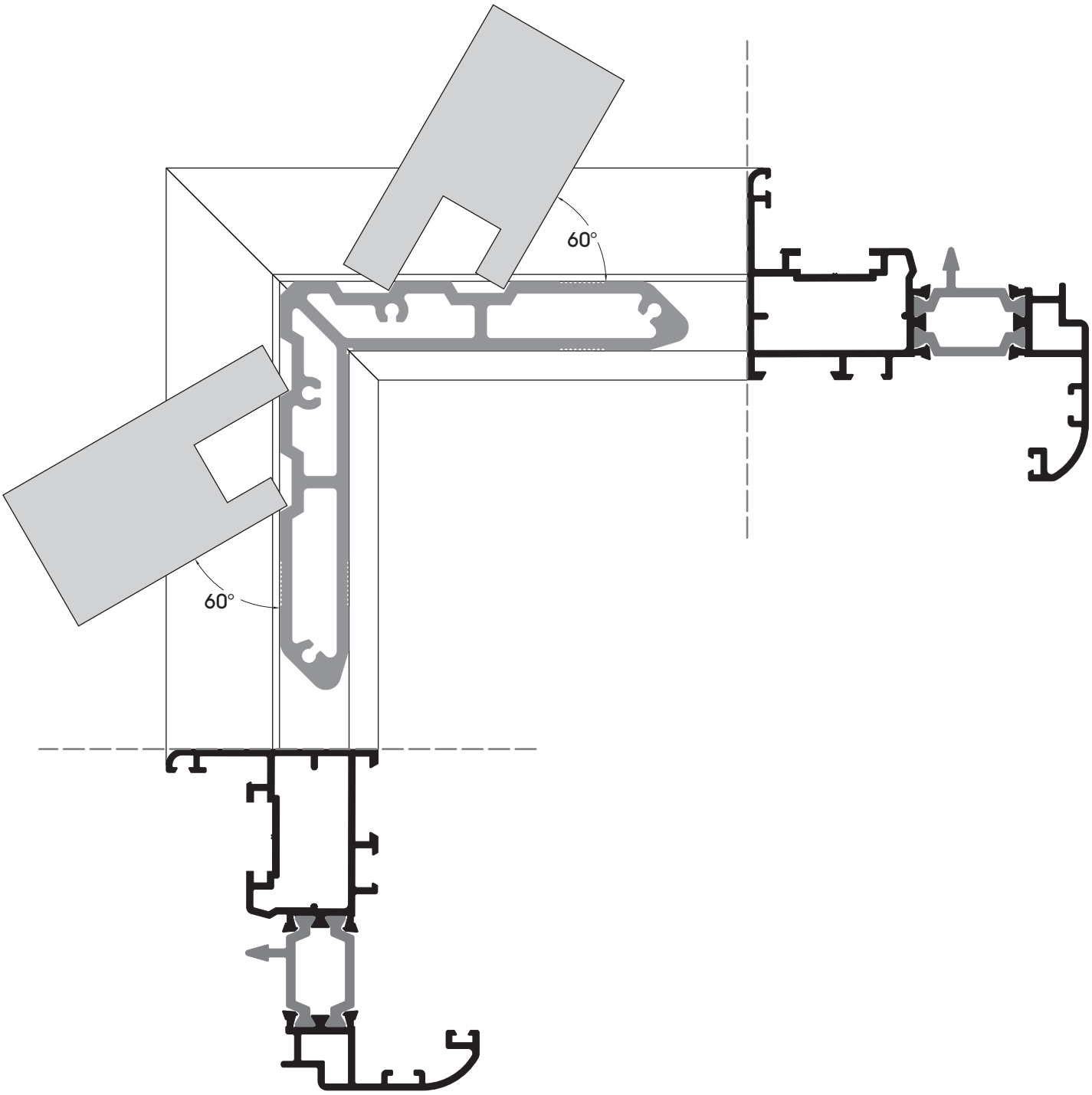




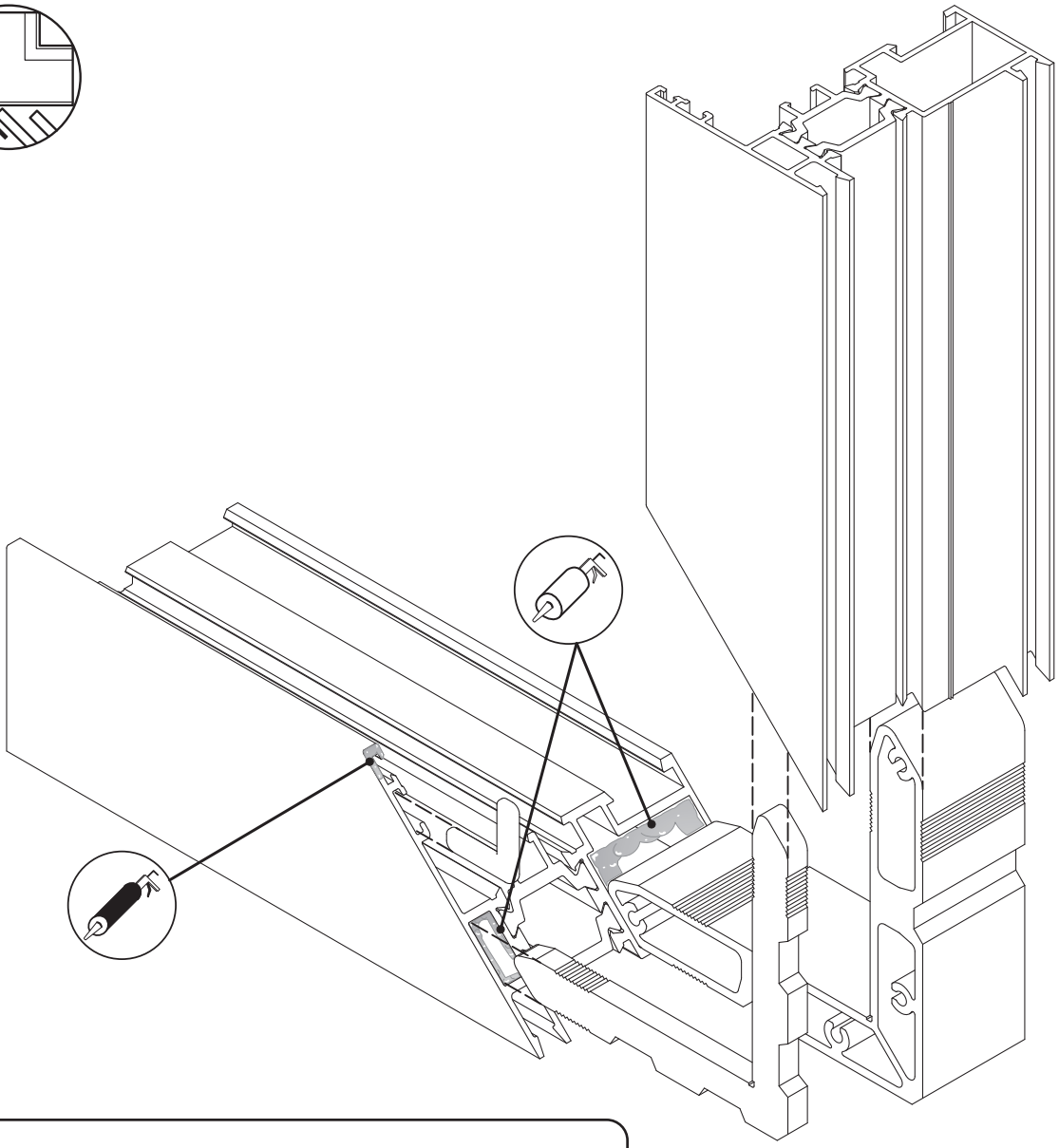


ΓΩΝΙΑΣΤΡΑ - CRIMPING TOOL





ΣΥΝΑΡΜΟΛΟΓΗΣΗ ΚΑΣΑΣ - FRAME ASSEMBLY



- Τοποθετήστε την κόλλα περιμετρικά στο θάλαμο με ≃1,5cm πάχος. Η κόλλα δεν θα πρέπει να τοποθετηθεί στο μπροστινό μέρος του προφίλ αλλά 2cm τουλάχιστον εσωτερικά του θαλάμου.
  Apply adhesive all around in abt. ≃1,5cm thickness. The adhesive must not be directly at the front edge of the profile, but approx. 2cm backwards.

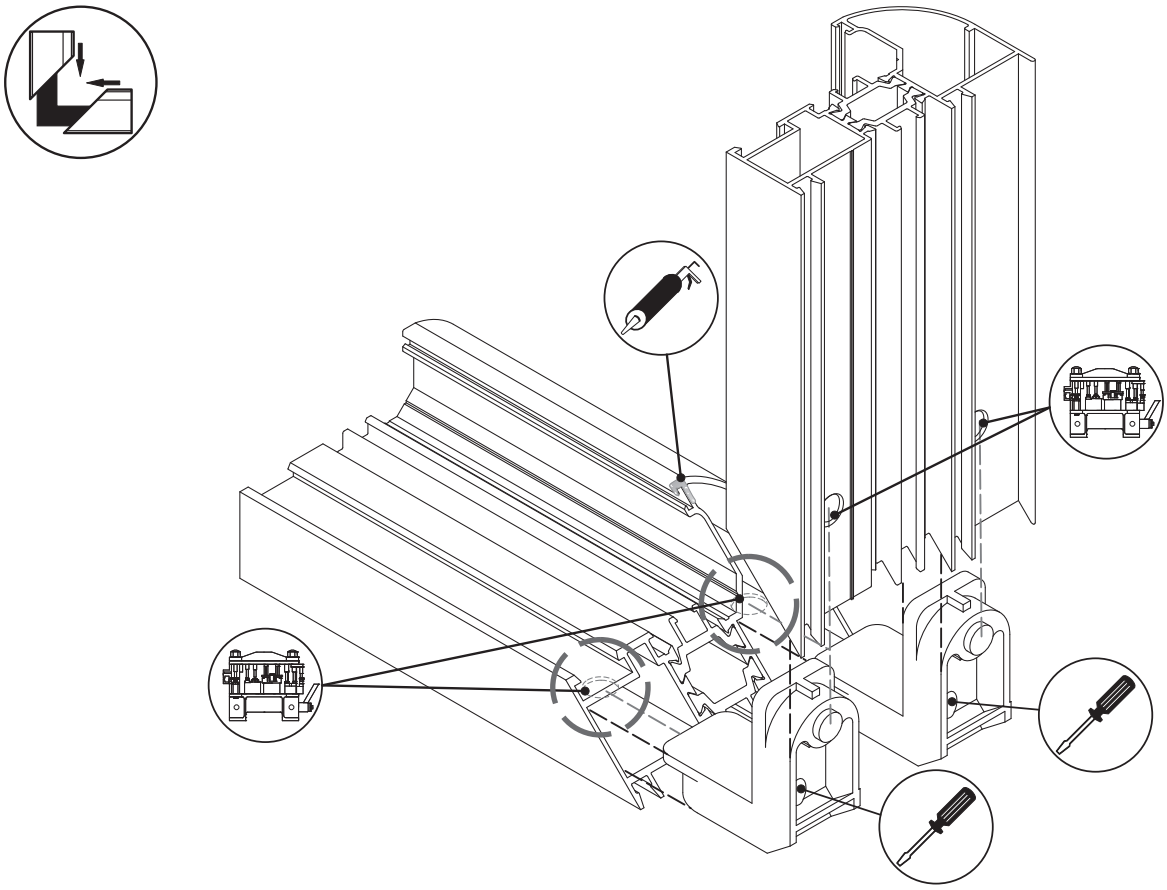
- Τοποθετήστε μία λεπτή στρώση αρμόκολλα ή σιλικόνη στα κομμένα μέρη των προφίλ. (φάλτσα)
  Coat miter joints thinly. The "droplet"on top of the nozzle is enough.

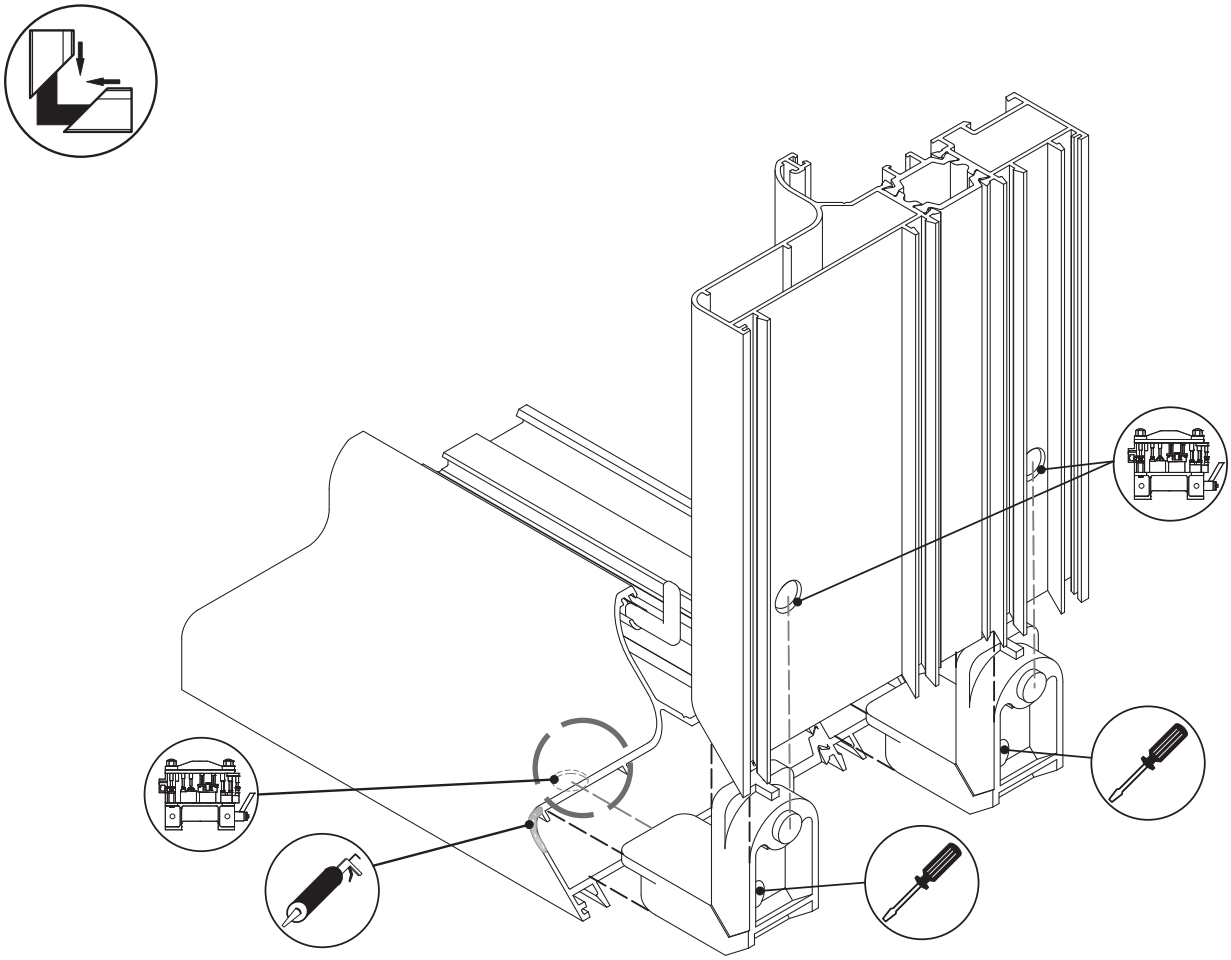
- Ψεκάστε με νερό μέσα στον θάλαμο του προφίλ.
  Spray water with a sprayer into the profile chambers.

- Μετακινήστε τις γωνίες σύνδεσης μπρός-πίσω μέσα στον θάλαμο έτσι ώστε να απλωθεί ομοιόμορφα η κόλλα.
  Move corners in the chamber back and forth to get an even spread of the adhesive.

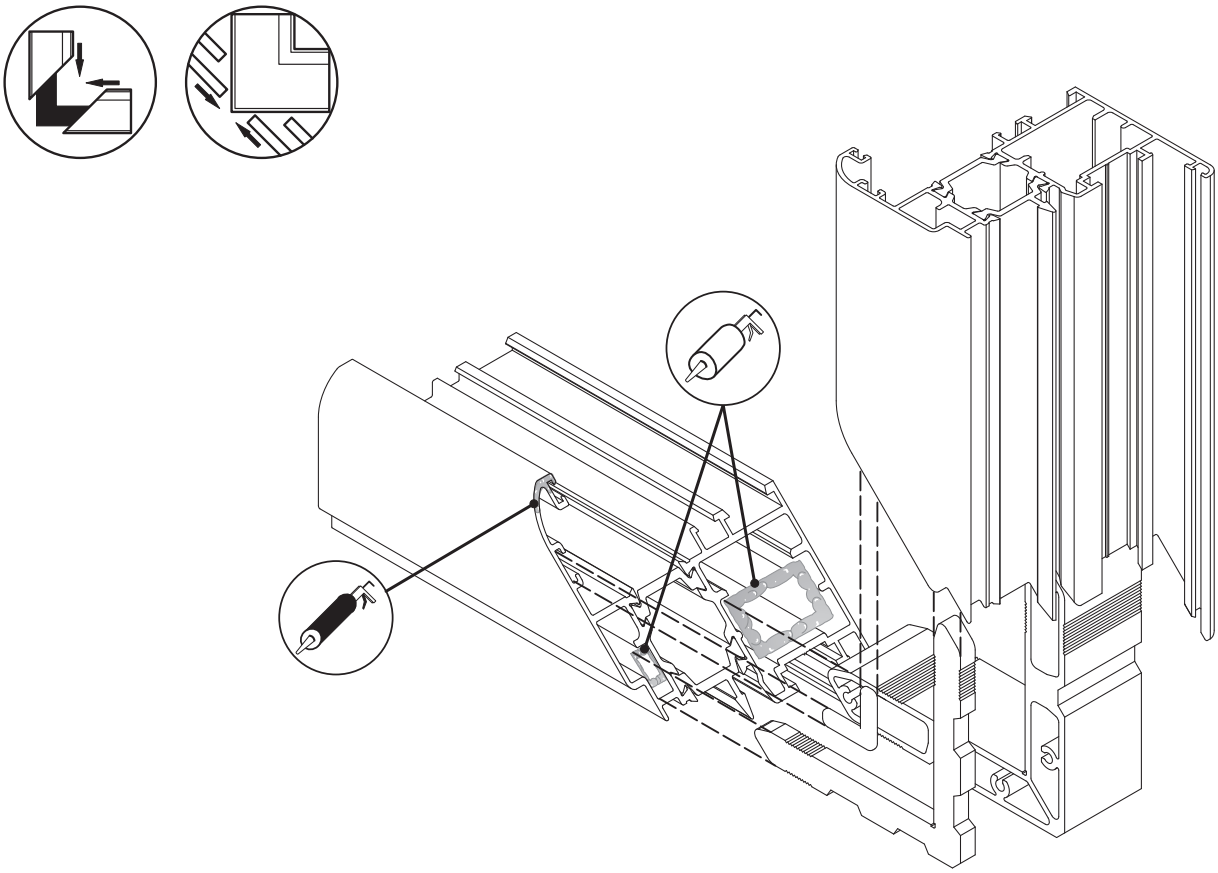
- Απομακρύνετε μέσα στον ενδεδειγμένο χρόνο κάθε συγκολλητικό υλικό απο τα προφίλ.
  Clear every adhesive material from the profiles within the appropriate time.

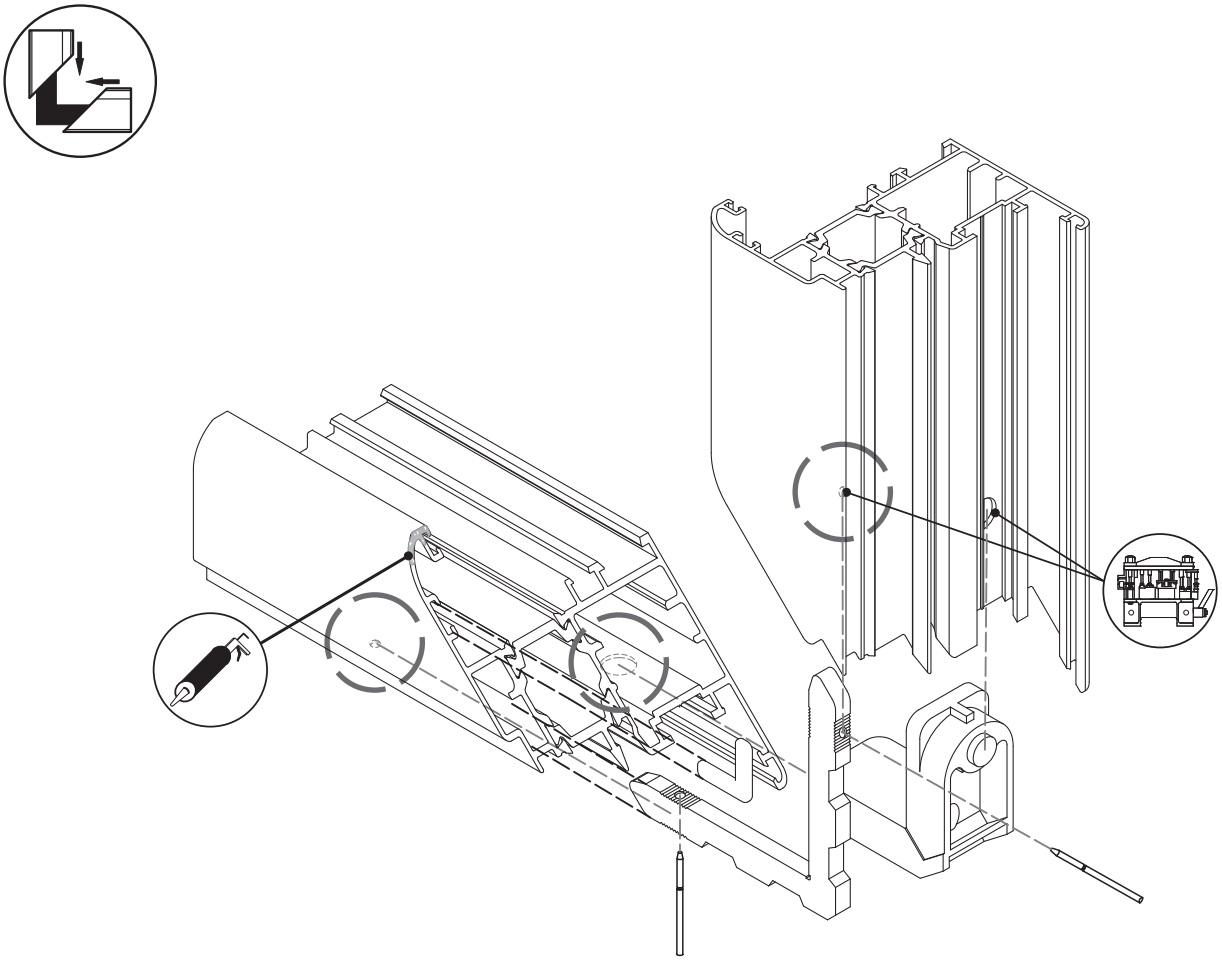
ΣΥΝΑΡΜΟΛΟΓΗΣΗ ΚΑΣΑΣ - FRAME ASSEMBLY





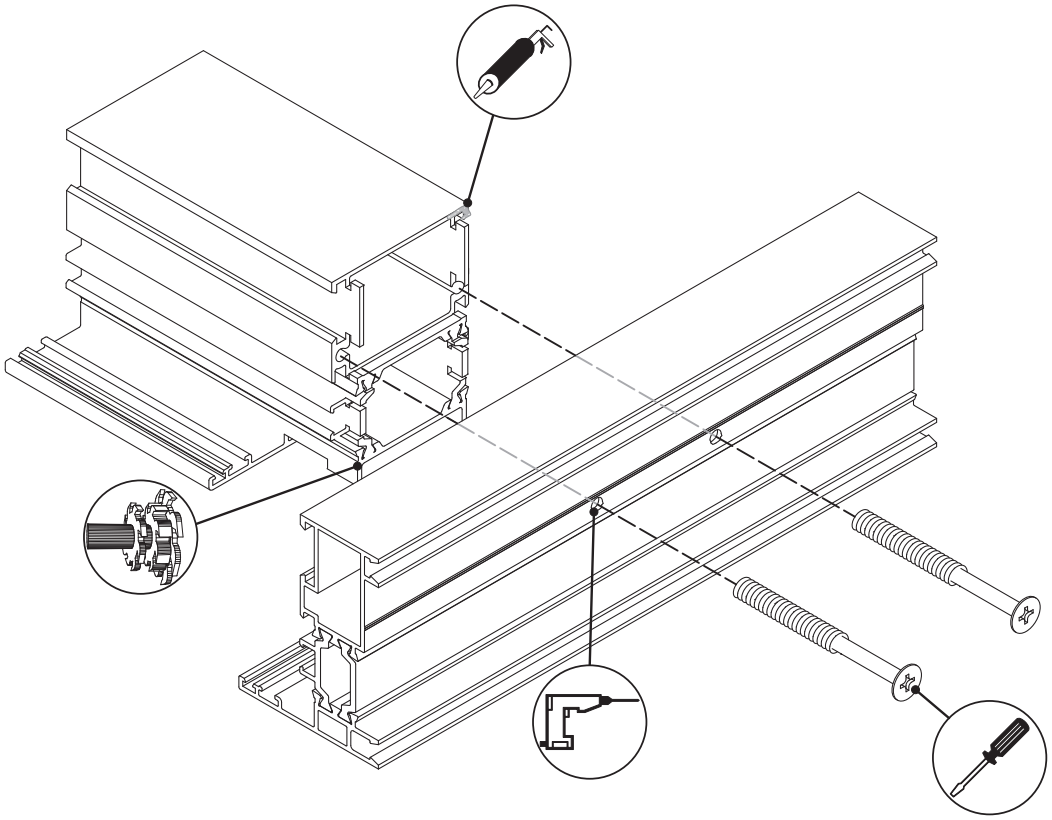
ΣΥΝΑΡΜΟΛΟΓΗΣΗ ΦΥΛΛΟΥ - SASH ASSEMBLY





ΣΥΝΑΡΜΟΛΟΓΗΣΗ ΧΩΡΙΣΜΑΤΟΣ ΤΑΥ - T SHAPE TRANSOM ASSEMBLY

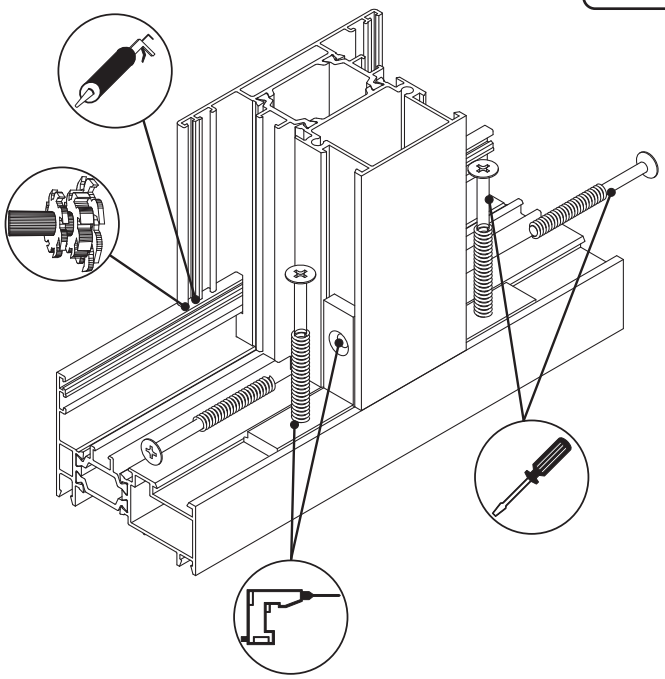
ΤΑΥ ΜΕ ΚΑΣΑ / T SHAPE WITH FRAME



ΤΑΥ ΜΕ ΚΑΣΑ / T SHAPE WITH FRAME

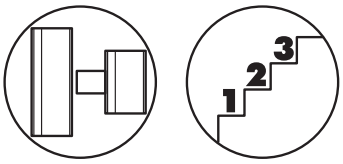
Όλες οι βίδες που χρησιμοποιούνται στα κουφώματα πρέπει να είναι **INOX**

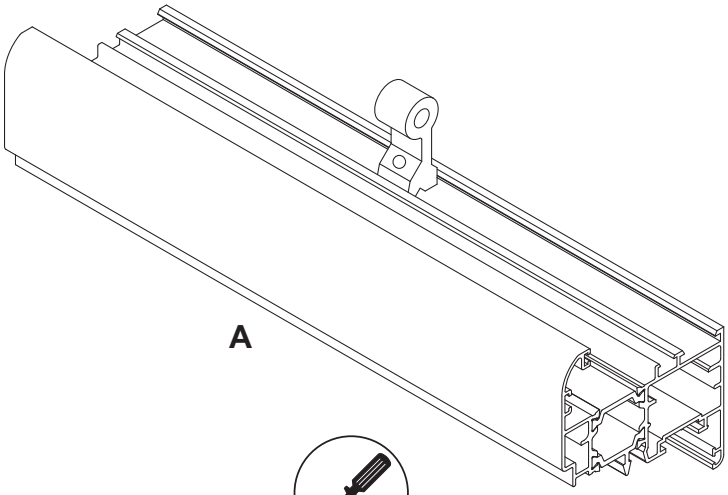
*Using **INOX** screws in our door & windows systems is essential*

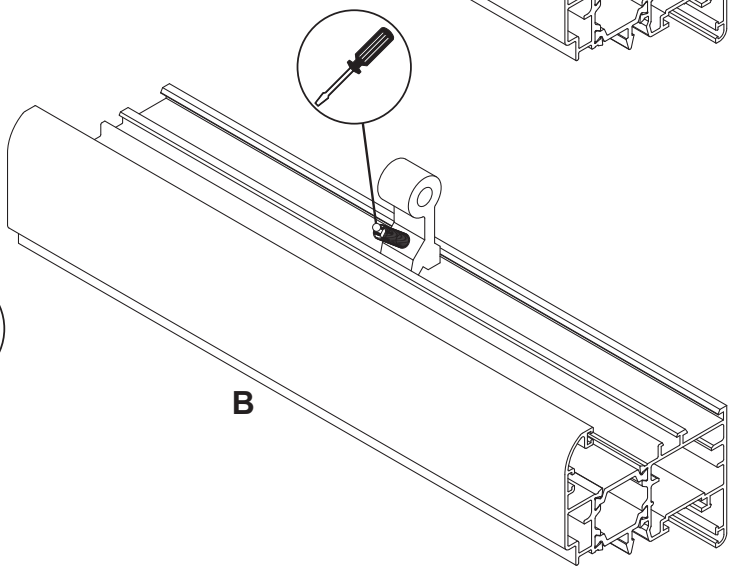


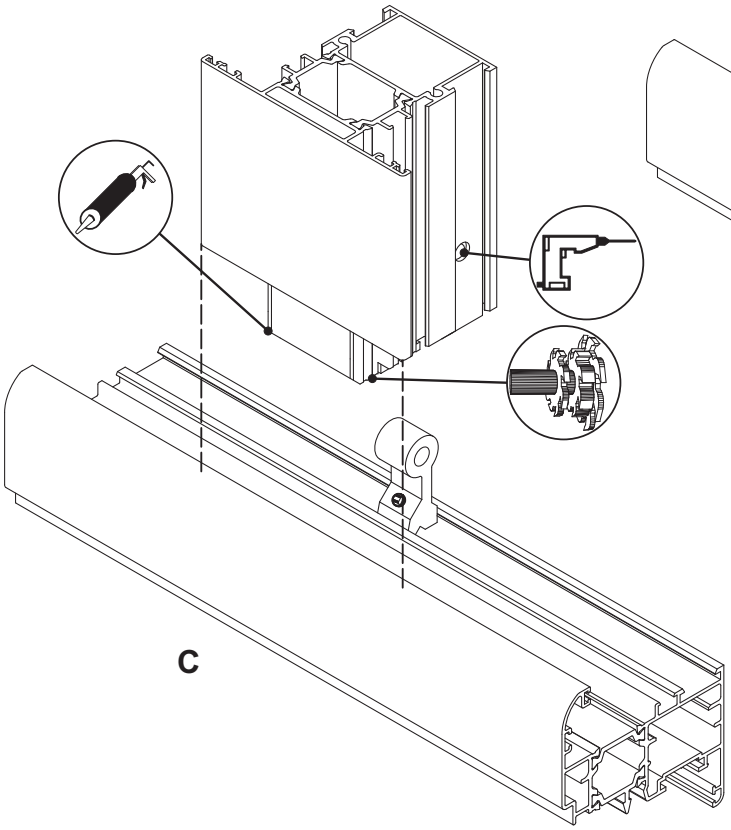
ΣΥΝΑΡΜΟΛΟΓΗΣΗ ΧΩΡΙΣΜΑΤΟΣ ΤΑΥ - T SHAPE TRANSOM ASSEMBLY

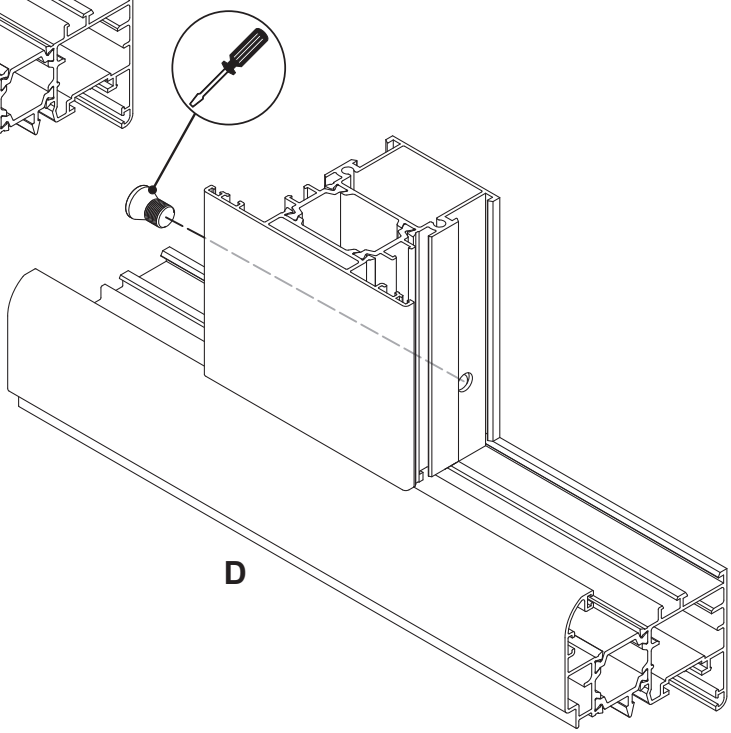
ΤΑΥ ΜΕ ΦΥΛΛΟ / T SHAPE WITH SASH





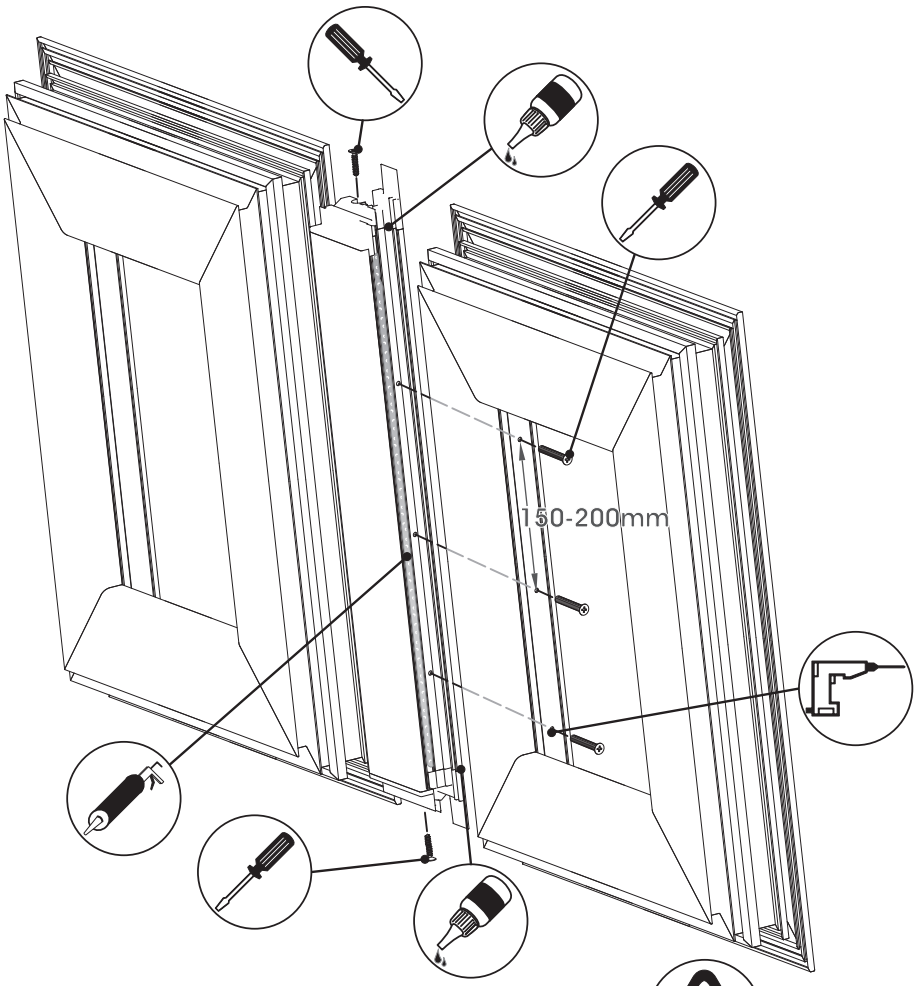




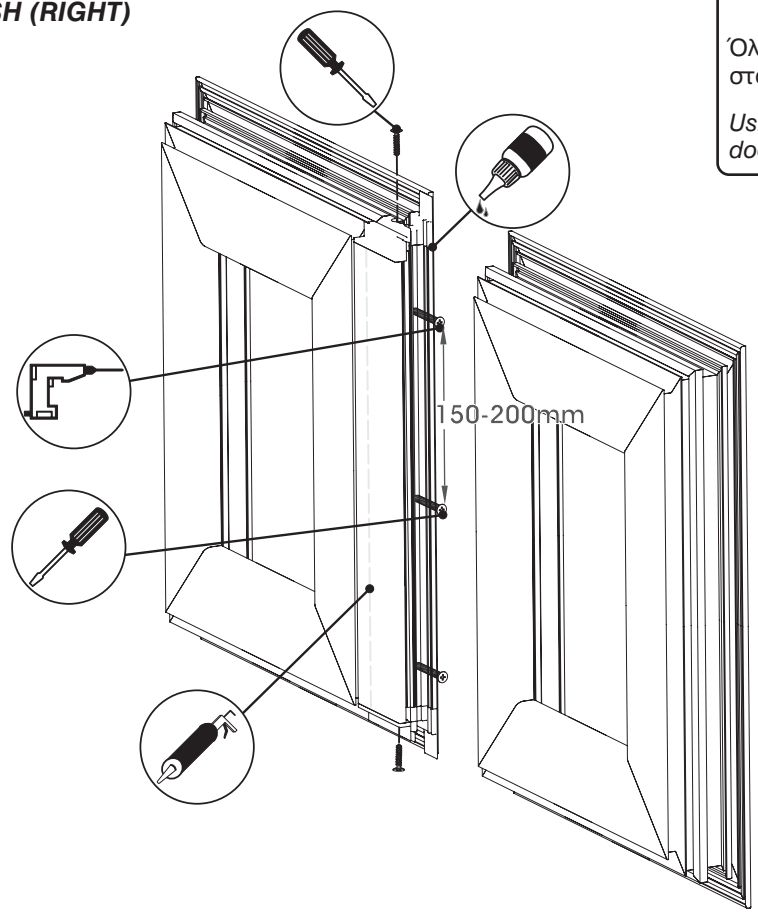


ΣΥΝΑΡΜΟΛΟΓΗΣΗ ΜΠΙΝΙ - CLIP ON CENTRAL ASSEMBLY

ΑΝΑΚΛΙΣΗ ΚΑΙ ΣΤΑ ΔΥΟ ΦΥΛΛΑ
TILT IN BOTH SASHES



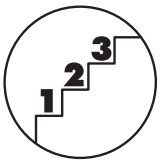
ΑΝΑΚΛΙΣΗ ΣΤΟ ΕΝΑ ΦΥΛΛΟ (ΔΕΞΙ)
TILT IN ONE SASH (RIGHT)

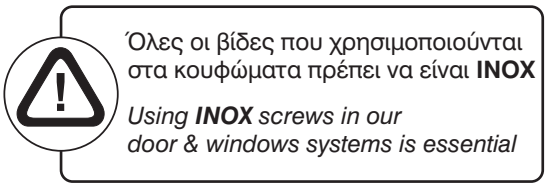


Όλες οι βίδες που χρησιμοποιούνται στα κουφώματα πρέπει να είναι **INOX**

*Using **INOX** screws in our door & windows systems is essential*

ΣΥΝΑΡΜΟΛΟΓΗΣΗ ΚΥΡΙΑΣ ΕΙΣΟΔΟΥ - DOOR ENTRANCE ASSEMBLY

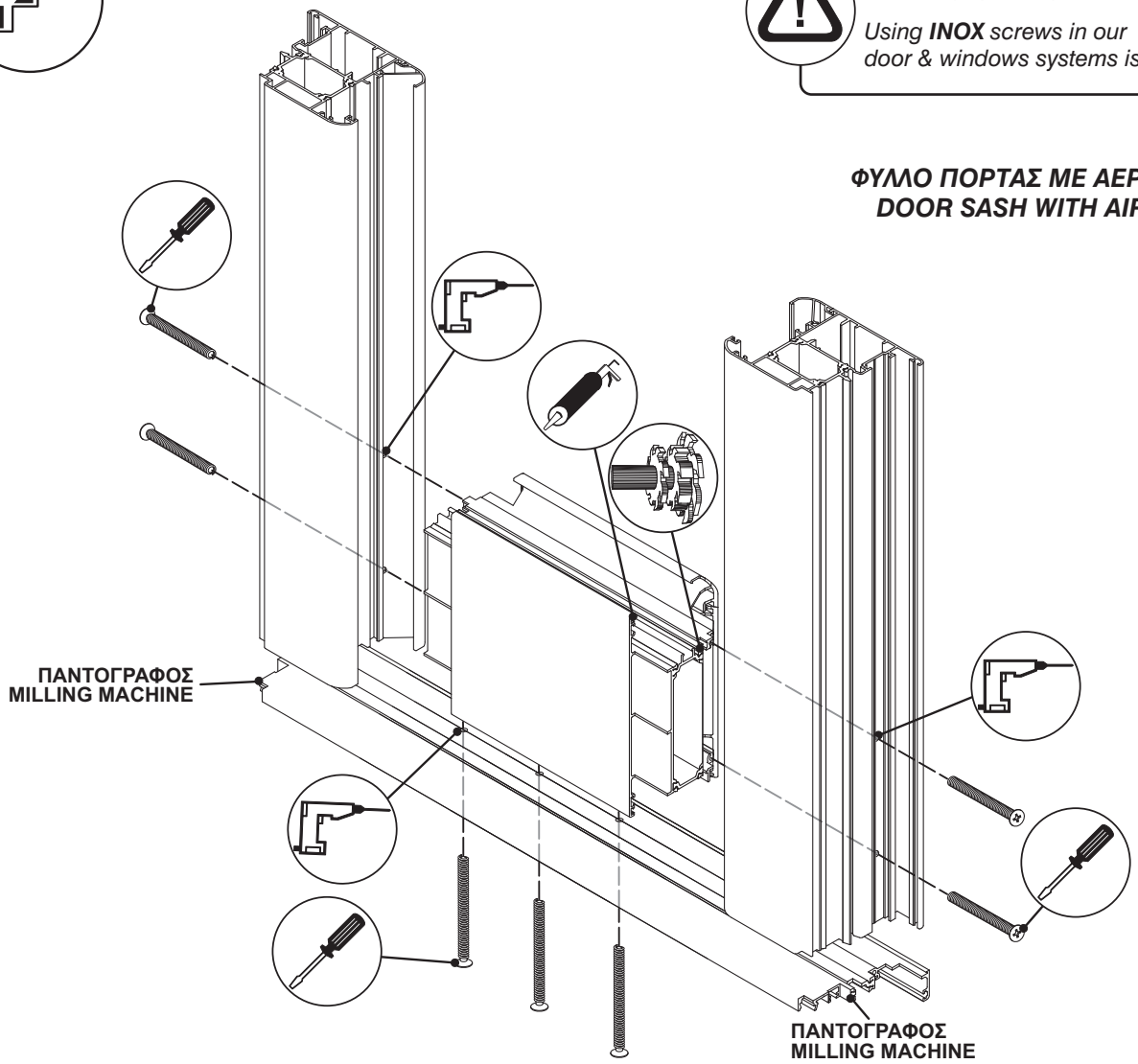




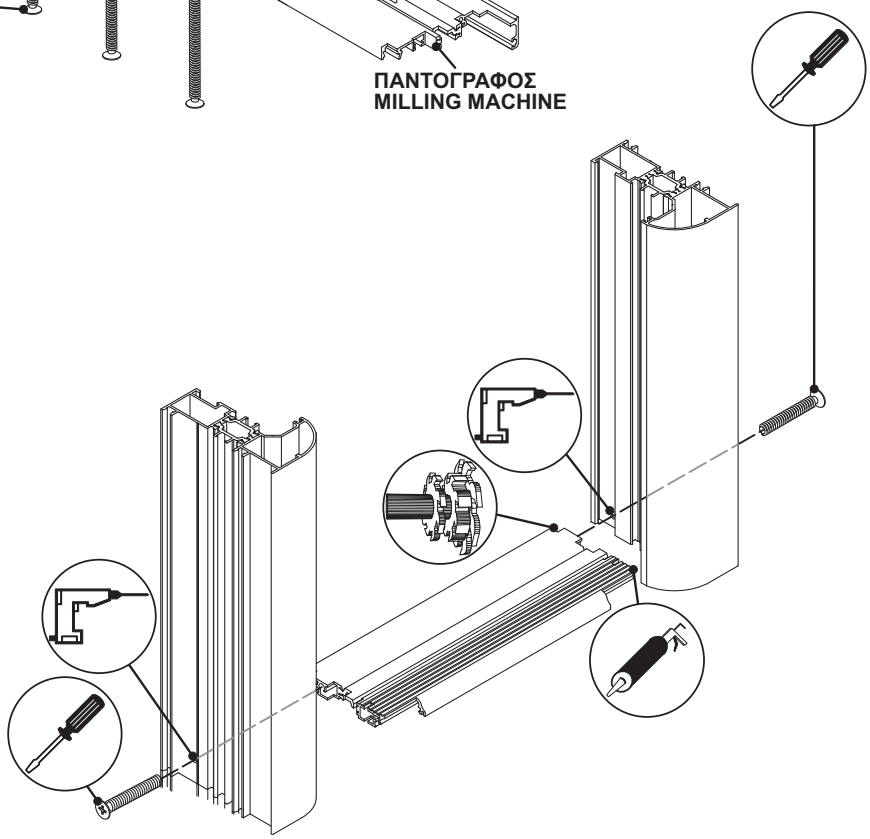
Όλες οι βίδες που χρησιμοποιούνται στα κουφώματα πρέπει να είναι **INOX**

*Using **INOX** screws in our door & windows systems is essential*

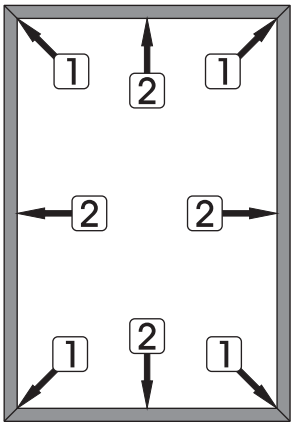
ΦΥΛΛΟ ΠΟΡΤΑΣ ΜΕ ΑΕΡΟΦΡΑΧΤΗ
DOOR SASH WITH AIR DAMPER



ΚΑΣΑ ΠΟΡΤΑΣ ΜΕ ΚΑΤΩΚΑΣΙ
FRAME WITH SEALING DOOR PROFILE



ΟΔΗΓΙΕΣ ΤΟΠΟΘΕΤΗΣΗΣ ΤΟΥ ΚΕΝΤΡΙΚΟΥ ΛΑΣΤΙΧΟΥ
INSTALLATION INSTRUCTIONS FOR CENTRAL GASKET

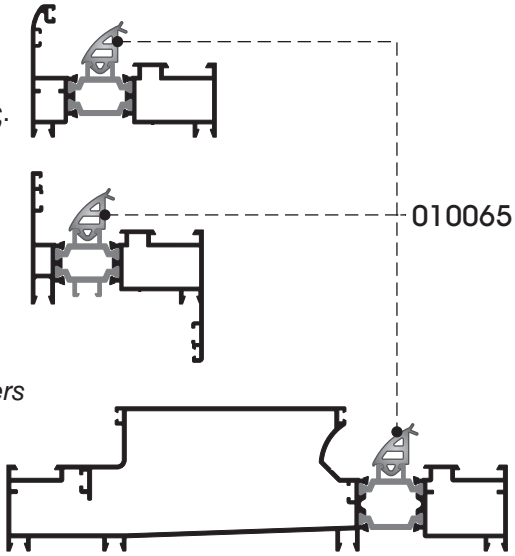


1. Πρώτα τοποθετηστε την γωνία από λάστιχο στις **Θέσεις 1** του προφίλ.
*First place the corner gasket as shown in the figure in **Pos.1**.*

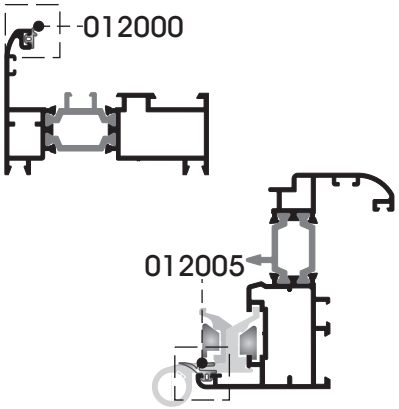
2. Κόψτε τα λάστιχα σε μέγεθος 1-2% πάνω από το κανονικό.
Cut the gaskets in size 1-2% above regular.

3. Απλώστε την κόλλα πάνω στις άκρες της γωνίας από λάστιχο και στις δύο πλευρές της.
Spread the glue over the edges of the corner gasket in both sides.

4. Στη συνέχεια κολλάμε το κεντρικό λάστιχο με τις γωνίες πιέζοντας από τη **Θέση 2** προς αυτές, δημιουργώντας ένα ελαστικό τελάρο.
Then we glue the central gasket with the corners the corner one, placing them from the Pos.2 towards to the corners. We create, this way, a gasket rectagle.



ΟΔΗΓΙΕΣ ΤΟΠΟΘΕΤΗΣΗΣ ΤΟΥ ΠΕΡΙΦΕΡΕΙΑΚΟΥ ΛΑΣΤΙΧΟΥ
INSTALLATION INSTRUCTIONS FOR PERIPHERAL GASKET



1. Ξεκινήστε πιέζοντας το λάστιχο στη μέση του πάνω οριζόντιου φτερού.
Start by pressing the gasket in the middle of the upper horizontal wing.

2. Πιέστε μέσα το λάστιχο γύρω-γύρω και κόψτε τα περιττά μέρη χωρίς να το τεντώσετε.
Push in the gasket all around and trim without over-stretching.

3. Κολλήστε τις ενώσεις των ελαστικών με κόλλα.
Glue gasket joints.

4. Στα σημεία που παρεμβάλλονται μεντεσέδες κόψτε την άκρη του λάστιχου.
In the area, where the hinges are placed, cut the gasket lip.

Οι οδηγίες **1**, **2**, **3** ισχύουν και για το περιφερειακό λάστιχο της κάσας.
*Installation instructions **1**, **2**, **3** are the same for the peripheral gasket of frame.*

ΤΟΠΟΘΕΤΗΣΗ ΕΛΑΣΤΙΚΩΝ - GASKETS INSTALLATION

ΟΔΗΓΙΕΣ ΤΟΠΟΘΕΤΗΣΗΣ ΕΞΩΤΕΡΙΚΟΥ ΛΑΣΤΙΧΟΥ ΤΖΑΜΙΟΥ
INSTALLATION INSTRUCTIONS FOR OUTER GLAZING GASKET

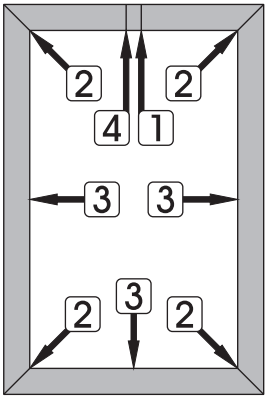
Προτείνεται το εξωτερικό λάστιχο του τζαμιού να εγκαθίσταται χωρίς να τεντώνεται. Οι άκρες του λάστιχου ή οι περιοχές ενώσεων θα πρέπει να κολληθούν καλά με κόλλα.
We recommend that the outer glazing gasket must be installed round the frame without over-stretching. The edges and the joint areas should be glued well.

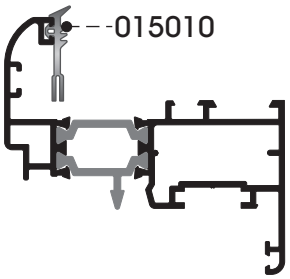
1. Στο πάνω οριζόντιο προφίλ ξεκινήστε από τη μέση στη **Θέση 1**.
*In the upper, horizontal profile, start in the middle of it, at **Pos.1***

2. Πρώτα πιέστε σε όλες τις γωνίες ομοιόμορφα στις **Θέσεις 2**.
*Press in all corners well, at **Pos.2**.*

3. Μετά πιέστε ανάμεσα στις γωνίες **Θέσεις 3**.
*Then push in the lengths between the corners **Pos.3**.*

4. Κόψτε τα περιττά μέρη του λάστιχου χωρίς να το τεντώσετε και κολλήστε με κόλλα στη **Θέση 4**.
*Trim unnecessary gasket without over-stretching and glue at **Pos.4**.*





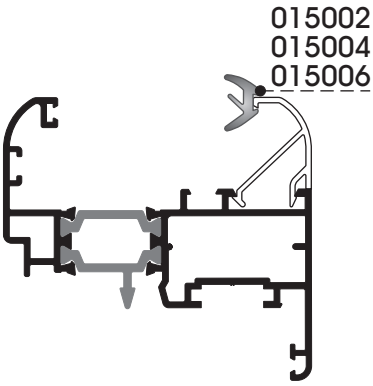
ΟΔΗΓΙΕΣ ΤΟΠΟΘΕΤΗΣΗΣ ΕΣΩΤΕΡΙΚΟΥ ΛΑΣΤΙΧΟΥ ΤΖΑΜΙΟΥ
INSTALLATION INSTRUCTIONS FOR INNER GLAZING GASKET

1. Τοποθετήστε τα οριζόντια πηχάκια (μοντάρονται πάνω στην κάμερα του φύλλου).
Clip in the horizontal glass beads (fit on the camera of the sash).

2. Κόψτε οριζόντια το εσωτερικό λάστιχο τζαμιού με 1-2% αέρα και πιέστε έτσι ώστε οι άκρες του λάστιχου να εφαρμόζουν στα αυλάκια της βάσης του κάθετου προφίλ της κάσας.
Cut horizontal inner glazing gasket in size 1-2% above regular and press so that the two gasket endings be placed well at the groove base of the vertical frame profile.

3. Τοποθετήστε τα κάθετα πηχάκια.
Clip in vertical the glass beads.

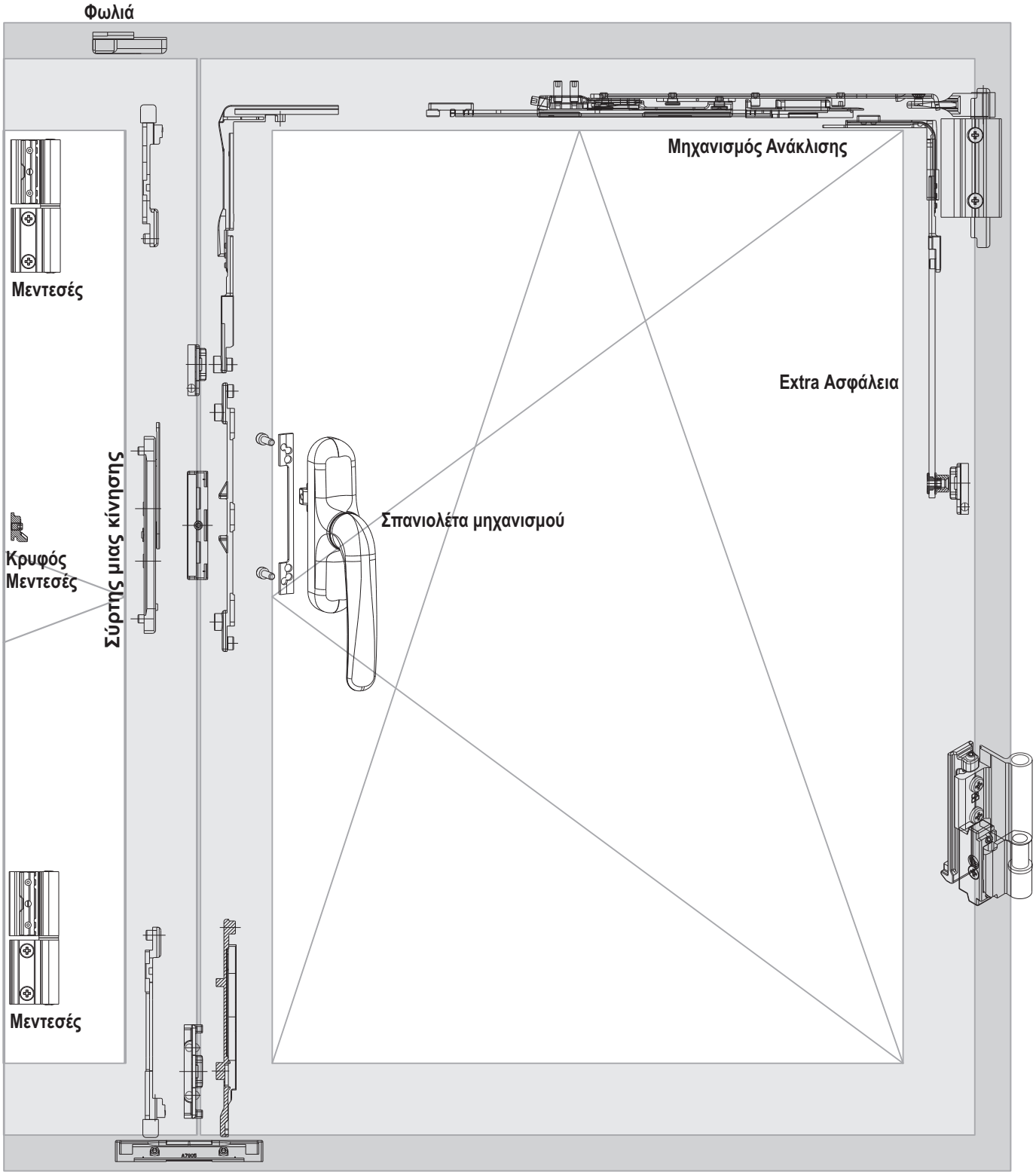
4. Κόψτε το εσωτερικό λάστιχο τζαμιού που τοποθετείται κάθετα, με 1-2% αέρα και πιέστε έτσι ώστε οι άκρες του λάστιχου να ενώνονται με τα οριζόντια λάστιχα τζαμιού.
Cut the vertical inner glazing gasket with 1-2% excess lenght and press so that the two gasket ends line up at the horizontal glazing gaskets.



GIESSE FUTURA

Ðñïô åßíáé êáôÜëçëï ôï óùóôü ãéá ôçí óùóôÞ ãéá ôçí åãêáôÁóôáóç ôïõ ìç÷áíéóìïý ðåñéìåôñéêïý óõóôÞìáôïò íá æçôÞóåôå ôï áíôßóôïé÷ï åãêáôåóôçìÝíï ôïõ ìç÷áíéóìïý

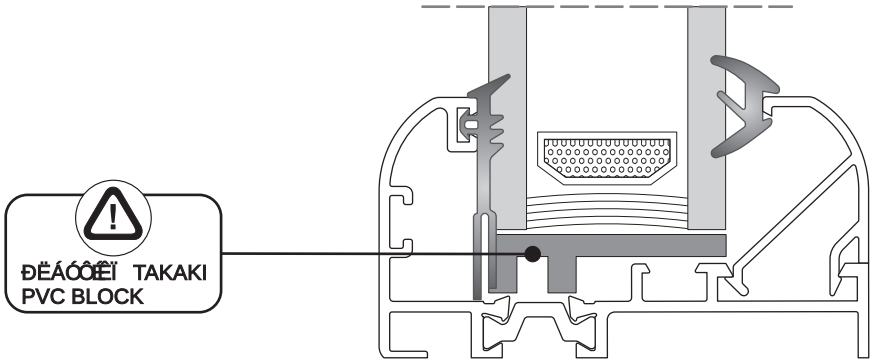
It is recommended, for the right installation of the perimetric hardware, to ask for the relative technical manual

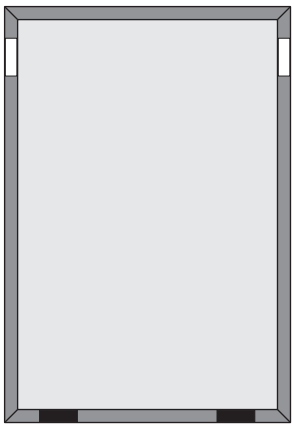


ΤΑΚΑΡΙΣΜΑ ΤΖΑΜΙΩΝ - GLASS SHIMMING

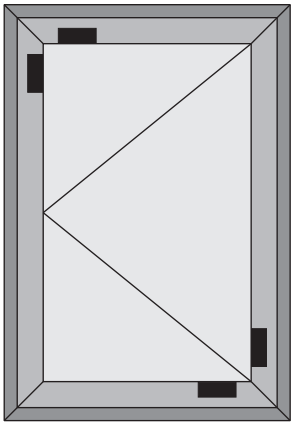
ΤΑΚΟΣ ΦΟΡΤΙΩΝ
SETTING BLOCKS

ΑΠΟΣΤΑΤΗΣ
SPACER BLOCK

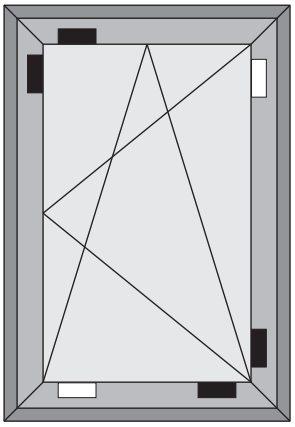




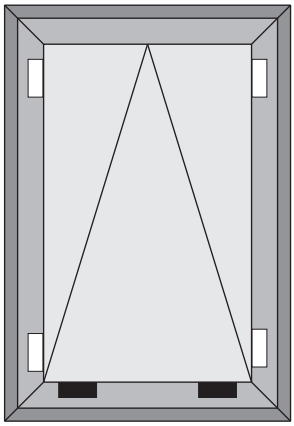
ΣΤΑΘΕΡΟ
FIXED WINDOW



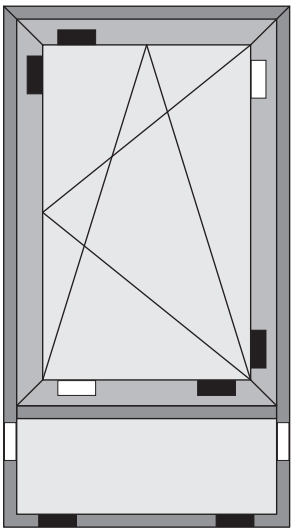
ΑΝΟΙΓΟΜΕΝΟ
OPENING WINDOW / DOOR



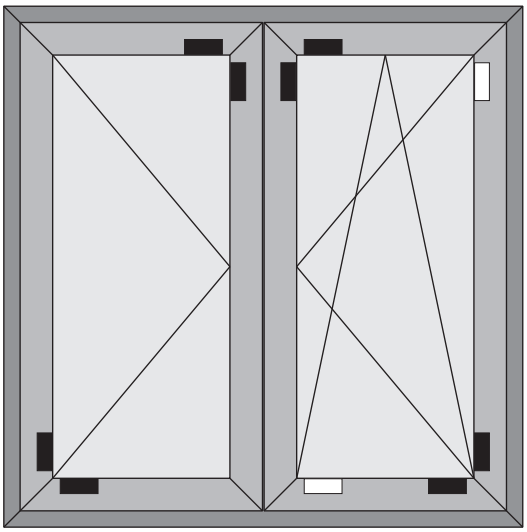
ΑΝΟΙΓΟΑΝΑΚΛΙΝΟΜΕΝΟ
TILT & TURN SASH WINDOW / DOOR



ΑΝΑΚΛΙΝΟΜΕΝΟ
TILT WINDOW



ΑΝΟΙΓΟΑΝΑΚΛΙΝΟΜΕΝΟ
ΜΕ ΣΤΑΘΕΡΟ
TILT & TURN SASH
WITH FIXED WINDOW

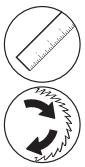


ΔΙΦΥΛΛΟ ΑΝΟΙΓΟΑΝΑΚΛΙΝΟΜΕΝΟ
TILT & TURN DOUBLE SASH WINDOW / DOOR

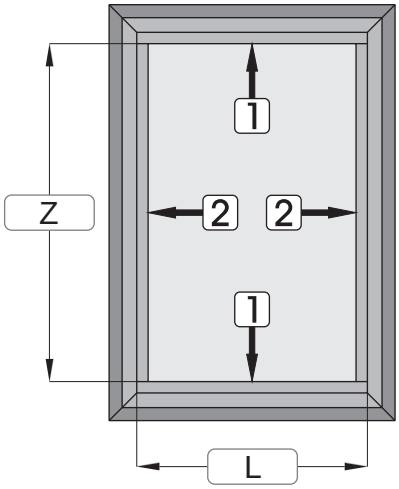
ΤΟΠΟΘΕΤΗΣΗ ΓΙΑ ΠΗΧΑΚΙΑ - INSTALLATION FOR GLAZING BEADS

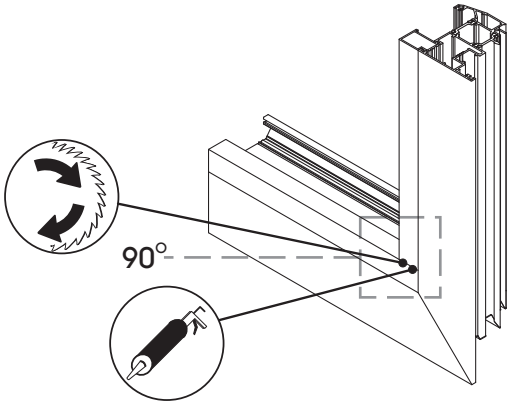
ΠΗΧΑΚΙ ΤΖΑΜΙΟΥ ΚΟΠΗΣ 90° GLAZING BEAD 90°

1. Μετράμε το πλάτος του φύλλου **(L)**. Κόβουμε τα πηχάκια όσο **L** και τα τοποθετούμε κουμπωτά στις **Θέσεις 1**.
*We measure the sash width **(L)**. Then cut the glazing beads as much as the lenght **L**. These glazing beads are placed clipped, in **Pos.1**.*

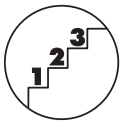


2. Στη συνέχεια μετράμε το ύψος, από πηχάκι σε πηχάκι **(Z)**. Κόβουμε τα δύο κάθετα πηχάκια όσο **Z** και τα τοποθετούμε κουμπωτά στις **Θέσεις 2**.
*We measure the height from glazing bead to glazing bead **(Z)**. We cut as **Z** the two vertical glazing beads and clipped them in **Pos.2** as shown in the picture.*





ΠΗΧΑΚΙ ΤΖΑΜΙΟΥ ΚΟΠΗΣ 45° GLAZING BEAD 45°

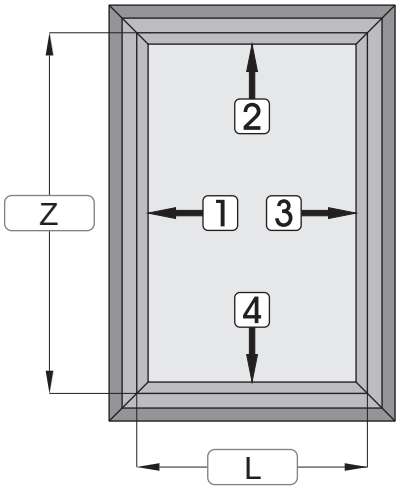


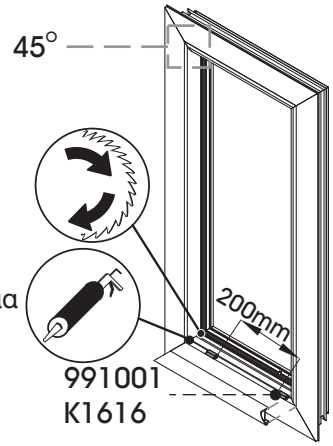
1. Μετράμε το πλάτος του φύλλου (L). Κόβουμε τα οριζόντια πηχάκια όσο L.
*Measure the sash width **(L)**. Cut as much as **L** the horizontal glazing beads.*

2. Μετράμε το ύψος του φύλλου (Z). Κόβουμε τα κάθετα πηχάκια όσο Z.
*Measure the sash hight **(Z)**. Cut as much as **Z** the horizontal glazing beads.*

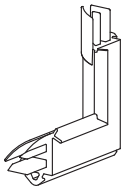
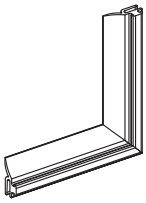
3. Τοποθετούμε τα κουμπώματα για τα πηχάκια του τζαμιού κάθε 20cm περιμετρικά του φύλλου.
Place the clips for the glazing beads, in every 20cm round the sash.

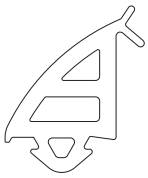
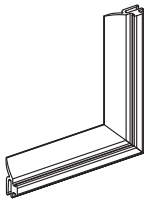
4. Τοποθετούμε τα πηχάκια με την αντίστοιχη σειρά στις **Θέσεις 1, 2, 3** & **4**.
*Place the glazing beads as shown in the figure in the **Positions 1, 2, 3** & **4**.*





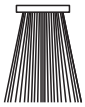
Προτείνεται για μεγαλύτερη ασφάλεια να γίνεται παραγγελία το κούμπωμα για το πηχάκι ώς προφίλ (κωδ. K1616), να κόβεται όσο το πλάτος **(L)** και το ύψος **(Z)** του φύλλου και να τοποθετείται περιμετρικά του φύλλου.
The clip for the glazing bead has to be ordered as a profile (code K1616), cut as much as the sash width and height and placed round the sash.

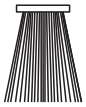
ΣΧΕΔΙΟ DESIGN	ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION
	015009	ËÜóôé÷ï ôåáìé é ý åîù ôåñéêü åéäéêü 2mm Outer special glazing gasket 2mm *EPDM Μαύρο/Black*
	015007	ËÜóôé÷ï ôåáìé é ý åîù ôåñéêü 2mm Outer glazing gasket 2mm *EPDM Μαύρο/Black*
	015002	ËÜóôé÷ï ôåáìé é ý óöÞí á 3-4mm Glazing gasket 3-4mm *EPDM Μαύρο/Black*
	015006	ËÜóôé÷ï ôåáìé é ý óöÞí á 7-8mm Glazing gasket 7-8mm *EPDM Μαύρο/Black*
	**011056**	Ãùí ßá êåíôñéêï ý ëÜóôé÷ï õ Central gasket corner *EPDM Μαύρο/Black*
	012004	Ðåñé åôñéêü ëÜóôé÷ï (ì ï í ü í õ÷Üêå) Perimetric gasket *EPDM Μαύρο/Black*
	**013000**	Ãùí ßá ðåñé åôñéêï ý ëÜóôé÷ï õ (äéðëü í õ÷Üêå) óýëëï õ Perimetric gasket corner for sash *EPDM Μαύρο/Black*
	012006	Ðåñé åôñéêü ëÜóôé÷ï (èåñì ï ì üí ù óçò) Perimetric gasket (thermobreak) *EPDM Μαύρο/Black*

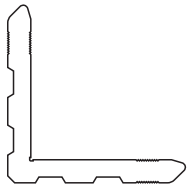
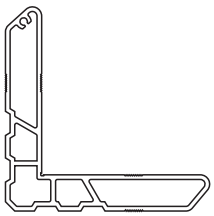
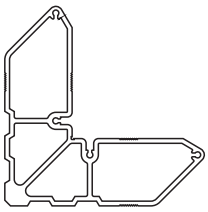
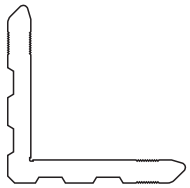
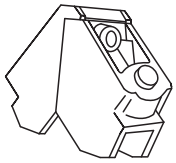
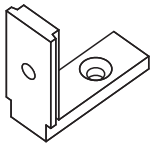
ΣΧΕΔΙΟ DESIGN	ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION
	015010	ËÜóôé÷ï ôåáìé é ý åîù ôåñéêü åéäéêü 2.5mm Outer special glazing gasket 2.5mm *EPDM Μαύρο/Black*
	015008	ËÜóôé÷ï ôåáìé é ý åîù ôåñéêü 2.5mm Outer glazing gasket 2.5mm *EPDM Μαύρο/Black*
	015004	ËÜóôé÷ï ôåáìé é ý óöÞí á 5-6mm Glazing gasket 5-6mm *EPDM Μαύρο/Black*
	**010056**	Êåíôñéêü ëÜóôé÷ï Central gasket *EPDM Μαύρο/Black*
	012000	Ðåñé åôñéêü ëÜóôé÷ï åðßðåäï (äéðëü í õ÷Üêå) Flat perimetric gasket *EPDM Μαύρο/Black*
	012005	Ðåñé åôñéêü ëÜóôé÷ï (äéðëü í õ÷Üêå) Perimetric gasket *EPDM Μαύρο/Black*
	**013001**	Ãùí ßá ðåñé åôñéêï ý ëÜóôé÷ï õ (äéðëü í õ÷Üêå) êÜóáò Perimetric gasket corner for frame *EPDM Μαύρο/Black*
	012007	Ðåñé åôñéêü ëÜóôé÷ï (áöñþ äåò) Perimetric gasket (sponge) *EPDM Μαύρο/Black*

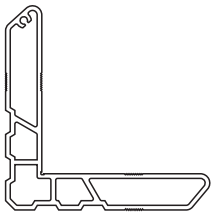
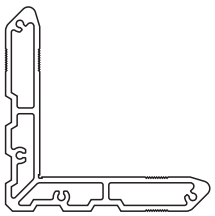
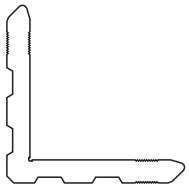
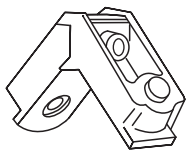
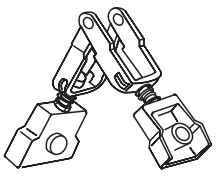
ΛΑΣΤΙΧΑ - GASKETS
ΒΟΥΡΤΣΑΚΙΑ - BRUSHES

ΣΧΕΔΙΟ DESIGN	ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION
	018002	ËÜóôé-ï óôåãÜí ù óçò Sealing gasket *EPDM Μαύρο/Black*

ΣΧΕΔΙΟ DESIGN	ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION
	060000	Âï õñôóÜêé4mmx7mm Brush 4mmx7mm *Μαύρο-Γκρί/Black-Grey*
	061000	Âï õñôóÜêé7mmx5mm Brush 7mmx5mm *Λευκό-Μαύρο-Γκρί* *White-Black-Grey*
	061001	Âï õñôóÜêé7mmx6mm Brush 7mmx6mm *Λευκό-Μαύρο-Γκρί* *White-Black-Grey*
	061002	Âï õñôóÜêé7mmx7mm Brush 7mmx7mm *Λευκό-Μαύρο-Γκρί* *White-Black-Grey*
	061003	Âï õñôóÜêé7mmx8mm Brush 7mmx8mm *Λευκό-Μαύρο-Γκρί* *White-Black-Grey*
	061004	Âï õñôóÜêé7mmx10mm Brush 7mmx10mm *Λευκό-Μαύρο-Γκρί* *White-Black-Grey*
	**061005**	Âï õñôóÜêé7mmx12mm Brush 7mmx12mm *Λευκό-Μαύρο-Γκρί* *White-Black-Grey*

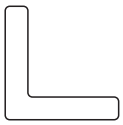
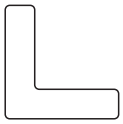
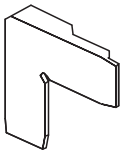
	063000	Âï õñôóÜêéì åì åì âñÜí ç 7mmx6mm Brush with membrane 7mmx6mm *Λευκό-Μαύρο-Γκρί* *White-Black-Grey*
	063001	Âï õñôóÜêéì åì åì âñÜí ç 7mmx7mm Brush with membrane 7mmx7mm *Λευκό-Μαύρο-Γκρί* *White-Black-Grey*
	063002	Âï õñôóÜêéì åì åì âñÜí ç 7mmx8mm Brush with membrane 7mmx8mm *Λευκό-Μαύρο-Γκρί* *White-Black-Grey*
	**063003**	Âï õñôóÜêéì åì åì âñÜí ç 7mmx12mm Brush with membrane 7mmx12mm *Λευκό-Μαύρο-Γκρί* *White-Black-Grey*

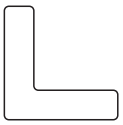
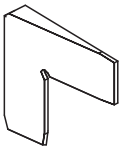
ΣΧΕΔΙΟ DESIGN	ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION
	**043043**	Ãùíßá óýíäåóçò Corner cleat *5.5mm x 10mm*
	**043021**	Ãùíßá óýíäåóçò Corner cleat *28.7mm x 19.5mm*
	**043047**	Ãùíßá óýíäåóçò Corner cleat *28.7mm x 35.6mm*
	**043045**	Ãùíßá óýíäåóçò Corner cleat *Με πειράκι / With pin* *10.7mm x 10mm*
	**040008**	Ãùíßá óýíäåóçò Corner cleat *28mm x 34.5mm*
	**042005**	Ãùíßá óýíäåóçò ãéá Ôáõ Corner cleat fot T shape transom *12mm x 19.5mm*

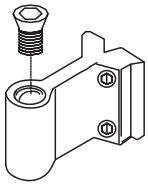
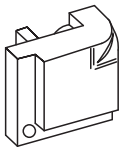
ΣΧΕΔΙΟ DESIGN	ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION
	**043016**	Ãùíßá óýíäåóçò Corner cleat *10.7mm x 19.5mm*
	**043046**	Ãùíßá óýíäåóçò Corner cleat *28.7mm x 14.8mm*
	**043044**	Ãùíßá óýíäåóçò Corner cleat *Με πειράκι / With pin* *5.5mm x 10mm*
	**040004**	Ãùíßá óýíäåóçò Corner cleat *28.5mm x 14.5mm*
	**040013**	Ãùíßá óýíäåóçò ì åôáâëçôÞ Variable angulation corner cleat

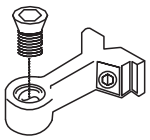
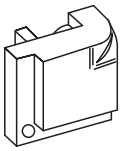
	994000	ÐåãïÜêé Pin (0.30mm x 60mm)

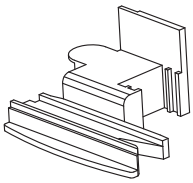
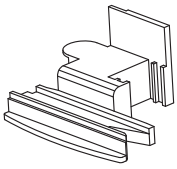
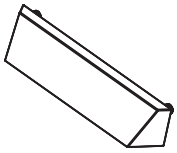
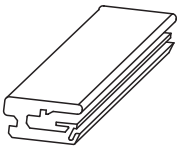
ΓΩΝΙΕΣ ΕΠΙΠΕΔΟΤΗΤΑΣ - ALIGNMENT CORNER

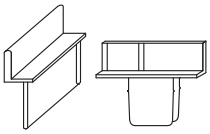
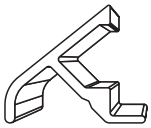
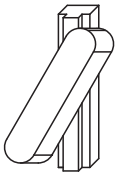
ΣΧΕΔΙΟ DESIGN	ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION
	**030000**	Ãùíßá åðéðåäüôçôá ò Aligment corner (inox) *5mm x 1mm*
	**030003**	Ãùíßá åðéðåäüôçôá ò Aligment corner (inox) *7.3mm x 1.2mm*
	**031005**	Ãùíßá åðéðåäüôçôá ò Aligment corner (pvc) *14.6mm x 2.3mm x 5.5mm*

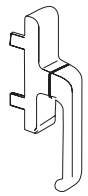
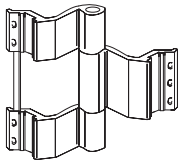
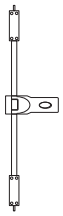
ΣΧΕΔΙΟ DESIGN	ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION
	**030002**	Ãùíßá åðéðåäüôçôá ò Aligment corner (inox) *7mm x 1.5mm*
	**031004**	Ãùíßá åðéðåäüôçôá ò Aligment corner (pvc) *14.6mm x 1.7mm*

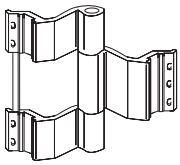
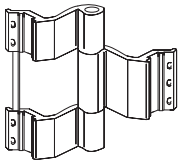
	**992000**	Ì åãÜëï ò óýíäåóì ï ò ãéá Ôáõ Big joint fot T shape transom
	**993000**	Ãùíßá ãéá ò ç÷Üêéá Corner for glazing beads *Λευκή/White*

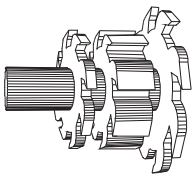
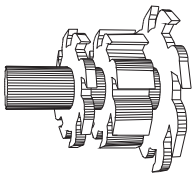
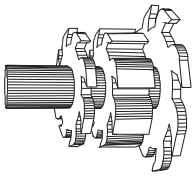
	**992001**	Ì éêñüò óýíäåóì ï ò ãéá Ôáõ Small joint fot T shape transom
	**993001**	Ãùíßá ãéá ò ç÷Üêéá Corner for glazing beads *Άβαφη/Mill finish*

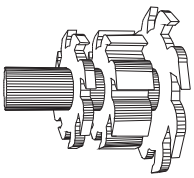
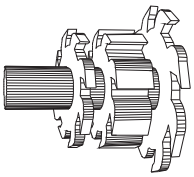
ΣΧΕΔΙΟ DESIGN	ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION
	**020065**	ÔÜðá ãéá ì ðéßöýëëï õ ôæáì éý Clip on central plastic cover for glass sash *PVC*
	**020045**	ÔÜðá ãéá ì ðéßöýëëï õ ðáôæëõñéý Clip on central plastic cover for shutter sash *PVC*
	**023000**	ÔÜðá íåñï ÷ýôç Water drainage cover *PVC*
	**991001**	Êï ýì ðù ì á ãéá ðç÷ÜêéôæáìéÝý Clip for glazing bead *PVC*

ΣΧΕΔΙΟ DESIGN	ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION
	**020456**	ÔÜðá ãéá ì ðéß öýëëï õ **COPLANAR** Clip on central plastic cover for sash **COPLANAR** *PVC*
	**022000**	ÔÜðá íåñï óôáëÜêôç Water protection cover *PVC*
	**023001**	ÔÜðá ï âáëßáò Plastic cover for oval profile *PVC*

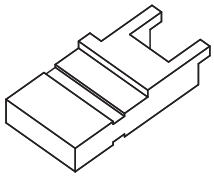
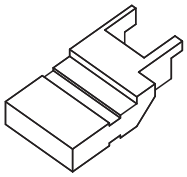
ΣΧΕΔΙΟ DESIGN	ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION
	104000	×åãïï ëáâÞ ðáôæëõñéý Operating handle for shutter sash profile
	106090	Ì Ü óêï õëï ðáôæëõñéý 90mm Triple hinge for shutter sash profile 90mm
	109000	Ðáôæëõñüâåñãá Bar for shutter locks

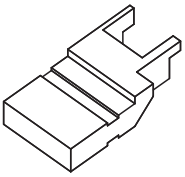
ΣΧΕΔΙΟ DESIGN	ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION
	106060	Ì Ü óêï õëï ðáôæëõñéý 60mm Triple hinge for shutter sash profile 60mm
	106130	Ì Ü óêï õëï ðáôæëõñéý 130mm Triple hinge for shutter sash profile 130mm

ΣΧΕΔΙΟ DESIGN	ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION
	075065	Koðôêü ì ï ñöï ðï ßçóçò Ôáõ óåêÜóá Cutting tool T shape transom - Frame assembly
	075067	Koðôêü ì ï ñöï ðï ßçóçò Ôáõ óåöýëëï ãéá åîùôåñéêÜ áíïéãüìåíï Cutting tool for external opening T shape transom - Sash assembly
	075047	Koðôêü ì ï ñöï ðï ßçóçò êáì ðýëï Ôáõ óåöýëëï Cutting tool curved T shape transom - Sash assembly

ΣΧΕΔΙΟ DESIGN	ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION
	075066	Koðôêü ì ï ñöï ðï ßçóçò Ôáõ óåöýëëï Cutting tool T shape transom - Sash assembly
	075046	Koðôêü ì ï ñöï ðï ßçóçò Ôáõ óåöýëëï Cutting tool T shape transom - Sash assembly

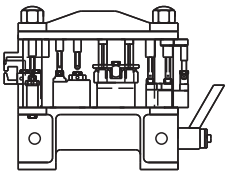
Κοπτικά μορφοποίησης που δεν αναφέρονται στο τεχνικό εγχειρίδιο παραγγέλλονται κατόπιν συνεννόησης
Cutting tools that don't appear in the technical manual could be ordered upon request.

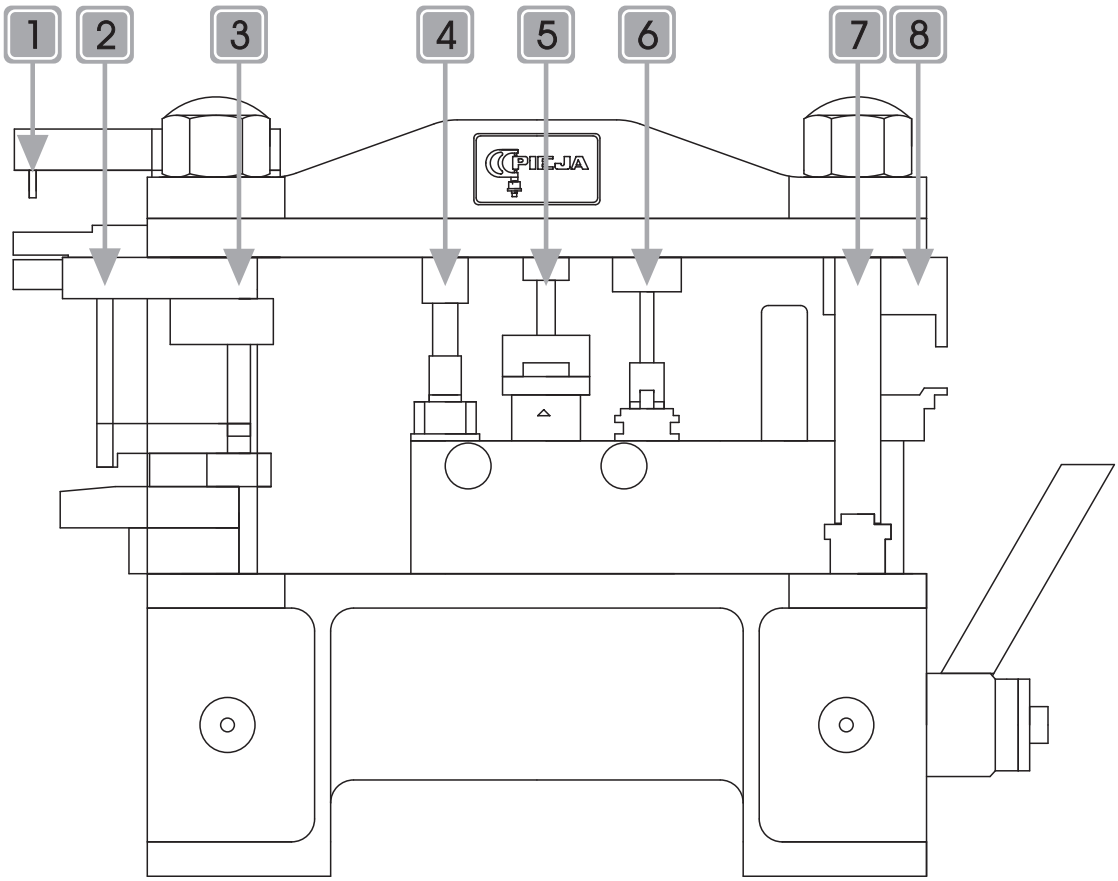
	077065	Åñãáëåßï ÷ôõðÞìáôï ãéá êïõóåôÁ & öýëëá Punch knife for frame & sash profiles
	077046	Εργαλείο χτυπήματος για φύλλα Punch knife for sash profiles

	077066	Åñãáëåßï ÷ôõðÞìáôï ãéá êïõóåôÁ Punch knife for frame profiles

Εργαλεία χτυπήματος που δεν αναφέρονται στο τεχνικό εγχειρίδιο παραγγέλλονται κατόπιν συνεννόησης
Punch knifes that don't appear in the technical manual could be ordered upon request.

ΠΡΕΣΑ ΔΙΑΤΡΗΣΕΩΝ - PERFORATION PRESS

ΣΧΕΔΙΟ DESIGN	ΚΩΔΙΚΟΣ CODE	ΠΕΡΙΓΡΑΦΗ DESCRIPTION
	070456	Ðñÿóá äéáôñçóåùí áíïéãìá Ýíùí Perforation press for opening systems



1. ÊÏ ÐÔÉÊÏ **ΔΙΑΤΡΗΣΗΣ** ÃÙÍ ÉÁÓ ÓÕÍ ÄÅÓÇÓ **(ΕΞΩΤΕΡΙΚΗ)**
   *CORNER CLEAT **PERFORATION CUTTING TOOL (OUTER)***
2. **ΚΑΤΕΡΓΑΣΙΑ** ÓÐÁÍ É ËÅÔÁÓ
   *OPERATING HANDLE **MACHINING***
3. ÊÏ ÐÔÉÊÏ **ΔΙΑΤΡΗΣΗΣ** ÃÙÍ ÉÁÓ ÓÕÍ ÄÅÓÇÓ **(ΕΣΩΤΕΡΙΚΗ)**
   *CORNER CLEAT **PERFORATION CUTTING TOOL (INNER)***
4. **ΤΡΥΠΗΤΙΚΟ** ÃÉÁ ×ÙÑÉÓÌ Á ÔÁÕ & ÔÁÌ ÐËÁ ÐÏ ÕÄÅ×ÅÔÁÉÐÇ×ÁÊÉ
   *T SHAPE TRANSOM & TRANSOM WITH GLAZING BEAD **CUTTING TOOL***
5. **ΚΟΠΤΙΚΟ** Í ÔÉÆÁÓ
   *ROD **PERFORATION CUTTING TOOL***
6. **ΤΡΥΠΗΤΙΚΟ** ÔÁÌ ÐËÁ
   *TRANSOM **CUTTING TOOL***
7. **ΚΑΤΕΡΓΑΣΙΑ** ÖÕËËÏ Õ ÃÉÁ ÔÌ ÐÏ ÈÅÔÇÓÈ Í ÔÉÆÁÓ
   *SASH **MACHINING** (ROD PLACEMENT)*
8. ÊÏ ÐÔÉÊÏ **ΔΙΑΤΡΗΣΗΣ** Í ÅÑÏ ×ÕÔÇ
   *WATER DRAINAGE **PERFORATION CUTTING TOOL***

ECO CERTIFICAZIONI S.P.A.
NOTIFIED BODY Nr. 0714 FOR DIRECTIVE 89/106/EEC

TEST REPORT

Nr. 714C5120709 29th of July, 2009

UNI EN 14351-1

WINDOWS AND DOORS

Manufacturer:	ALCO HELLAS S.A. Thesi Kirillo 19300 Aspropirgos – GREECE
Test Sample:	Alousystem Plus 65 TT Casement door (two casements)
Testing date:	27/07/2009
Type of test	- Air Permeability in accordance with UNI EN 1026:2001 with test result expressed in accordance with UNI EN 12207:2000; - Water tightness in accordance with UNI EN 1027:2001 with test result expressed in accordance with UNI EN 12208:2000; - Resistance to wind load in accordance with UNI EN 12211:2001 with result expressed in accordance with UNI EN 12210:2000;

TEST RESULTS RESUME	
Air Permeability:	Class **4**
Water tightness:	Class **6A**
Resistance to wind load:	Class **C3**

The results are strictly connected with the sample submitted to the tests.

Technical Inspector Eco Certificazioni S.p.A
Bosi Fabio

Technical Manager Eco Certificazioni S.p.A.
Ing. Gianluca Gamporesi

ΕΚΑΝΑΛ
ΕΛΛΗΝΙΚΟ ΚΕΝΤΡΟ ΑΝΑΠΤΥΞΗΣ ΑΛΟΥΜΙΝΙΟΥ

ΗΡΑΣ & ΣΠΥΡΟΥ ΜΗΛΙΟΥ
124 62 ΣΚΑΡΑΜΑΓΚΑΣ ΑΤΤΙΚΗΣ
ΤΗ Λ : (210) 55.82.320-2
FAX : (210) 55.82.323
E-mail: ekanal@ekanal.gr

ΚΟΙΝΟΠΟΙΗΜΕΝΟ
ΕΡΓΑΣΤΗΡΙΟ ΔΟΚΙΜΩΝ
ΑΡΙΘΜΟΣ 2002

ΕΣΥΔ ΠΙΣΤΟΠΟΙΗΤΙΚΟ ΔΙΑΠΙΣΤΕΥΣΗΣ Αριθμός 133
ΔΙΑΠΙΣΤΕΥΜΕΝΟ
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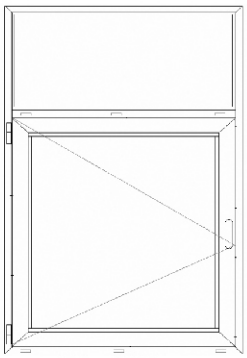
ΣΥΝΟΠΤΙΚΑ ΑΠΟΤΕΛΕΣΜΑΤΑ

ΠΙΣΤΟΠΟΙΗΤΙΚΟΥ ΔΟΚΙΜΩΝ 09116 / 26.10.2009

ΑΡΙΘΜΟΣ	**09116**	**ΗΜΕΡΟΜΗΝΙΑ**	**26 / 10 / 2009**

Στοιχεία Πελάτη:	**ΑΛΚΟ ΕΛΛΑΣ Α.Β.Ε.Ε.** **ΠΑΡΑΓΩΓΗ & ΕΜΠΟΡΙΑ ΠΡΟΦΙΛ ΑΛΟΥΜΙΝΙΟΥ** ΘΕΣΗ ΚΥΡΙΛΛΟ 193 00 ΑΣΠΡΟΠΥΡΓΟΣ
Περιγραφή Προϊόντος:	**Μονόφυλλο Παράθυρο με Φεγγίτη Ανοιγόμενο**
Υλικό:	**ΑΛΟΥΜΙΝΙΟ**
Τυπολογία Προϊόντος:	**ΣΕΙΡΑ ALOUSYSTEM PLUS 65**



950 x 2110 mm

Αεροδιαπερατότητα ΕΛΟΤ ΕΝ 1026:2000 / ΕΛΟΤ ΕΝ 12207:2000	**Κατηγορία 4**
Υδατοστεγανότητα ΕΛΟΤ ΕΝ 1027:2000 / ΕΛΟΤ ΕΝ 12208:2000	**Κατηγορία 9A**
Αντοχή σε Ανεμοπίεση ΕΛΟΤ ΕΝ 12211:2000 / ΕΛΟΤ ΕΝ 12210:2000	**Κατηγορία C3**

ΤΑ ΑΠΟΤΕΛΕΣΜΑΤΑ ΑΦΟΡΟΥΝ ΑΠΟΚΛΕΙΣΤΙΚΑ ΣΤΟ ΑΝΩΤΕΡΩ ΔΟΚΙΜΑΣΘΕΝ ΠΡΟΪΟΝ.

ΣΙΝΩΠΗ ΠΑΠΑΔΟΠΟΥΛΟΥ
ΤΕΧΝΙΚΟΣ ΥΠΕΥΘΥΝΟΣ

ΙΩΑΝΝΗΣ ΓΚΕΡΤΣΟΣ
ΓΕΝΙΚΟΣ ΔΙΕΥΘΥΝΤΗΣ