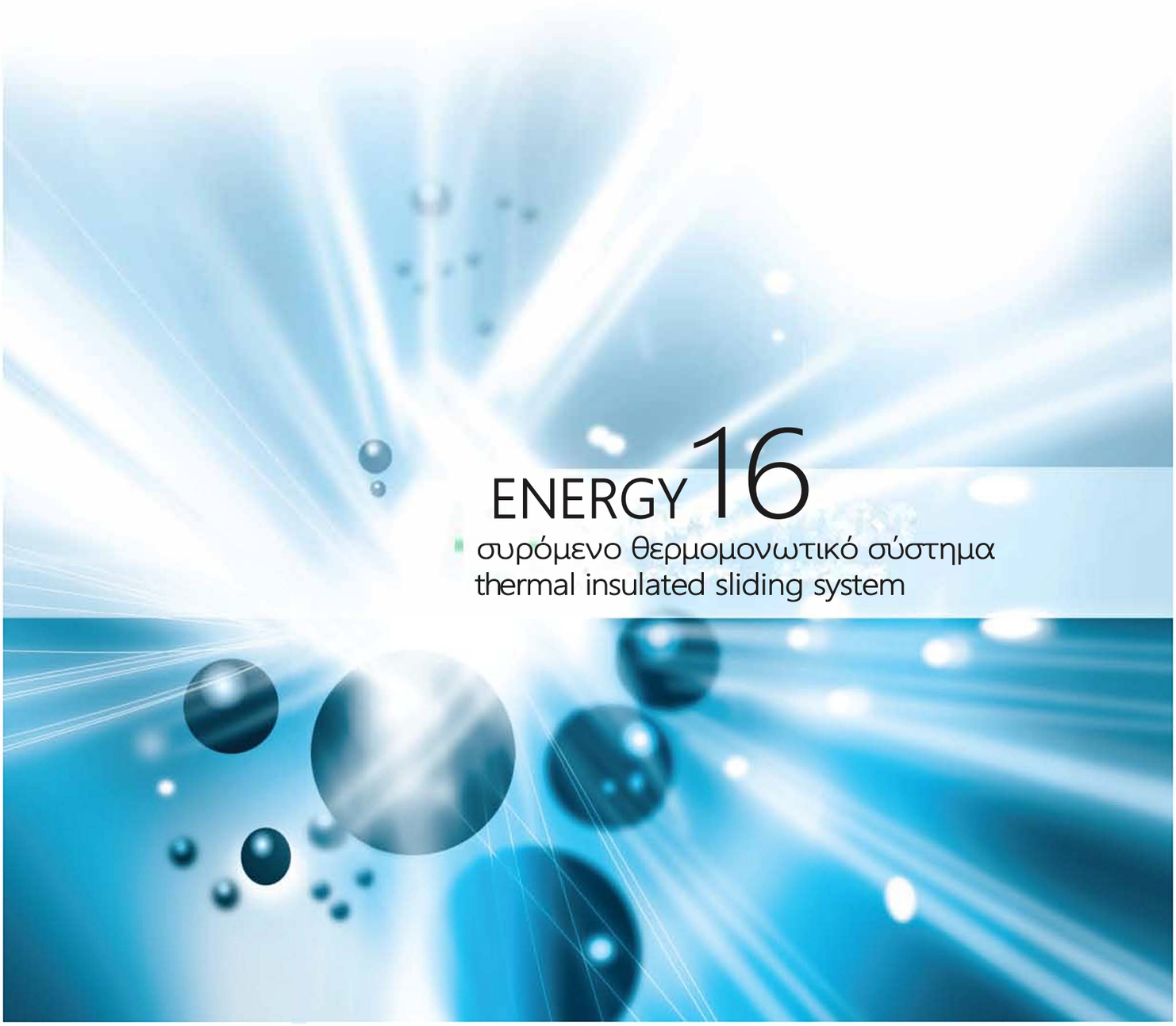
METALOUMIN

ΣΥΣΤΗΜΑΤΑ ΑΛΟΥΜΙΝΙΟΥ ΑΠΟ ΤΟ 1969

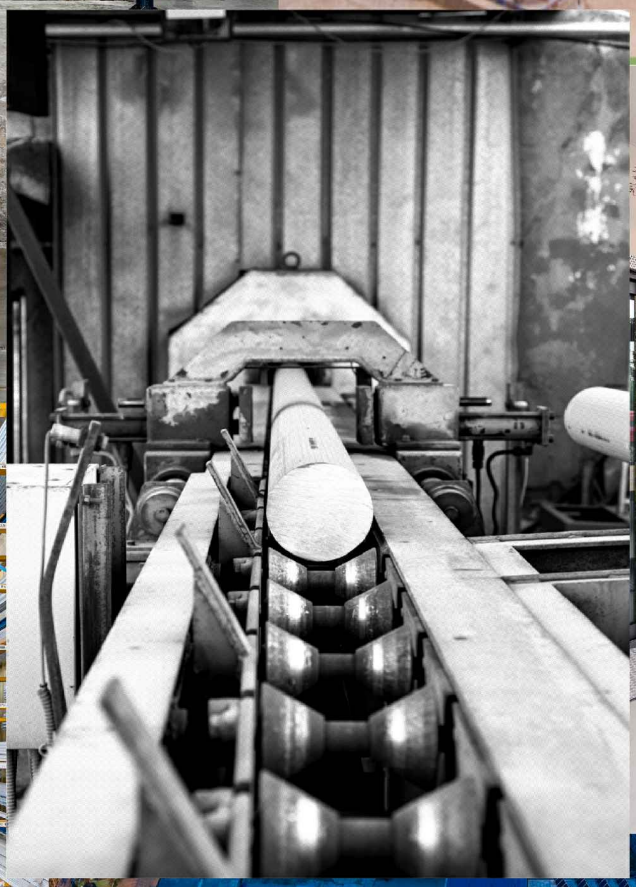


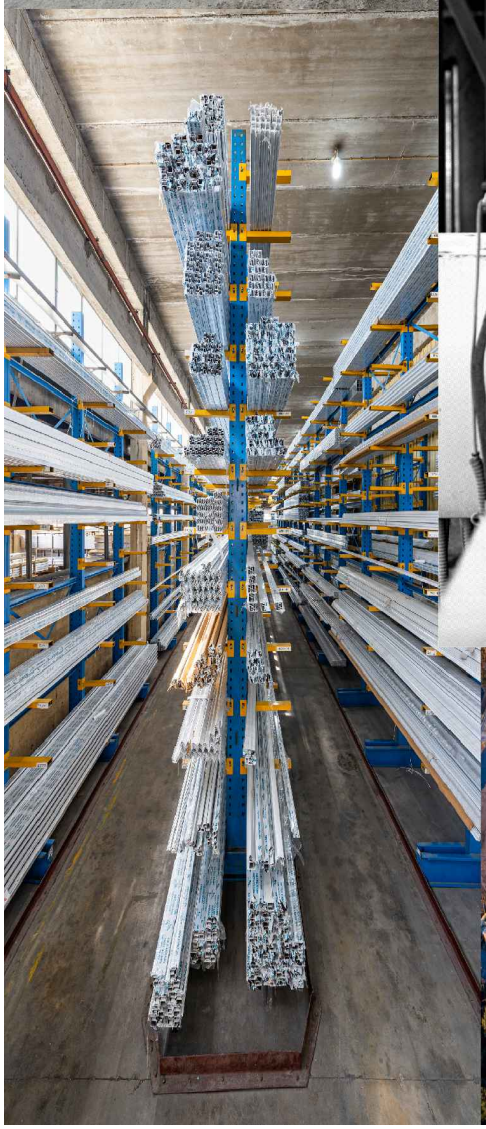
ENERGY 16

συρόμενο θερμομονωτικό σύστημα

thermal insulated sliding system


METALOUMIN






METALOUMIN

Η METALOUMIN είναι από τις πρώτες βιομηχανίες διέλασης αλουμινίου στην Ελλάδα (ιδρύθηκε το 1969) και σήμερα κατέχει σημαντική θέση στο κλάδο διέλασης αλουμινίου.
Παραγωγικές εγκαταστάσεις και γραφεία, βρίσκονται στην Αθήνα, στον κόμβο Μεταμόρφωσης της Ε.Ο Αθηνών - Λαμίας.
Διαθέτει, καθετοποιημένη παραγωγή, ξεκινώντας από τη μελέτη, το σχεδιασμό, τη δοκιμή, την πιστοποίηση και τελικά την κατασκευή ολοκληρωμένων προϊόντων αλουμινίου, για τον κατασκευαστικό και βιομηχανικό κλάδο.
Η ΜΕΤΑΛΟΥΜΙΝ είναι πιστοποιημένος προμηθευτής των Ηνωμένων Εθνών (ΟΗΕ) από το 2010, ενώ η παραγωγή της είναι πιστοποιημένη με τα πρότυπα ποιότητας EN ISO 9001 TUV CERT Austria και περιβαλλοντικής διαχείρισης EN ISO 14001 TUV CERT Austria.
Λειτουργεί σύγχρονη μονάδα ηλεκτροστατικής βαφής, με πιστοποίηση «Qualicoat», ενώ τα ανοδιωμένα της προϊόντα είναι πιστοποιημένα κατά «Qualanod»
Το έμπειρο και άρτια εξοπλισμένο, τμήμα έρευνας & ανάπτυξης (R&D), εργάζεται συνεχώς σε νέα σχέδια και εφαρμογές, για να επεκτείνει το φάσμα των προϊόντων και των εξαρτημάτων, προσαρμοζόμενο στις απαιτήσεις της αγοράς και ανταποκρινόμενο στις προσδοκίες των πελατών
Η METALOUMIN, παράγει επίσης κατά παραγγελία (ειδικά) προφίλ αλουμινίου, για βιομηχανικές και βιοτεχνικές χρήσεις, σύμφωνα με τις προδιαγραφές των πελατών της.
Η METALOUMIN είναι μια εξωστρεφής εταιρεία με έντονη εξαγωγική δραστηριότητα. Τα προϊόντα και των τριών κατηγοριών (αρχιτεκτονικά, βιομηχανικά, βάσεις στήριξης & tracker φωτοβολταϊκών) εξάγονται σε περισσότερες από 26 χώρες (Ευρώπη, Μέση Ανατολή , ΗΠΑ).

METALOUMIN is one of the first aluminum extrusion industries in Greece (founded in 1969) and today holds an important position in the aluminum extrusion sector.
Production facilities and offices are located in Athens, at the Metamorfosi junction.
It has a vertical production, starting from the study, design, testing, certification and finally the manufacture of integrated aluminum products and architectural series, for the construction and industrial sector.
METALUMIN is a certified supplier of the United Nations (UN) since 2010, while its production is certified with the quality standards EN ISO 9001 TUV CERT Austria and Environmental management EN ISO 14001 TUV CERT Austria.
Operates a modern electrostatic painting unit, certified "Qualicoat", while the anodized products are certified according to "Qualanod".
An experienced and well-equipped research & development (R&D) department is constantly working on new designs and applications, to expand the range of products and components, adapting to market requirements and meeting customer expectations.
METALOUMIN also produces custom tailor made aluminum profiles for industrial usage, according to the specifications of its customers.
METALOUMIN is an extroverted company with intense export activity.
The products of all these three categories (architectural, industrial, & solar tracker photovoltaics) are exported to more than 26 countries (Europe, Middle East, USA).

METALOUMIN

Θερμομονωτικό
Συρόμενο
Αρχιτεκτονικό
Σύστημα

ENERGY 16+Pro

Sliding
Thermobreak
Architectural
System

METALOUMIN

ENERGY 16+Pro

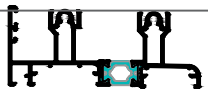
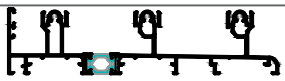
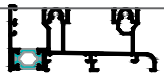
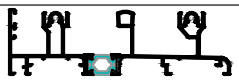
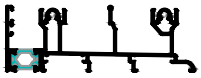
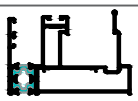
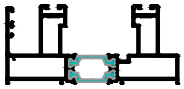
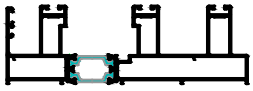
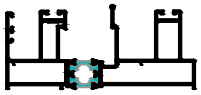
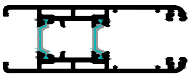
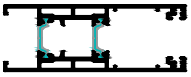
περιεχόμενα
index

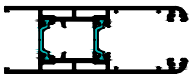
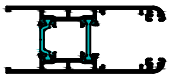
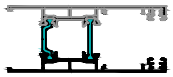
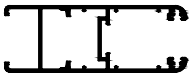
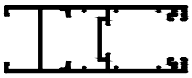
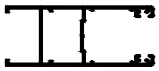
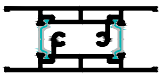
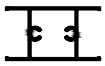
METALOUMIN

ENERGY 16+Pro

ΠΡΟΦΙΛ 1:1

PROFILES 1:1

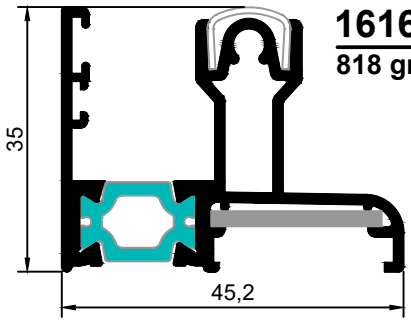
	Κωδικός Code	Σχήμα Draft	Βάρος Weight (gr/m)	Περιγραφή Description	Μήκος Length (m)
	16168		818	ΜΟΝΟΣ ΟΔΗΓΟΣ Single rail	6
	16160		1360	ΔΙΠΛΟΣ ΟΔΗΓΟΣ Double rail overlapping	6
	16170		1301	ΔΙΠΛΟΣ ΟΔΗΓΟΣ Double rail overlapping	6
	16162		1856	ΤΡΙΠΛΟΣ ΟΔΗΓΟΣ Triple rail overlapping	6
	16169		1234	ΔΙΠΛΟΣ ΟΔΗΓΟΣ (Τζάμι-σήτα) Double rail (Sash & insect screen)	6
	16166		1612	ΤΡΙΠΛΟΣ ΟΔΗΓΟΣ (Τζάμι-σήτα-παντζούρι) Triple rail (Sash-insect screen-shutter)	6
	16164		1819	ΤΡΙΠΛΟΣ ΟΔΗΓΟΣ (Επάλληλο με σήτα) Triple rail (Double sash overlapping with insect screen)	6
	16165		1422	ΤΡΙΠΛΟΣ ΟΔΗΓΟΣ (Τζάμι-σήτα-παντζούρι) Triple rail (Sash-insect screen-shutter)	6
16 Pro	16172		1315	ΔΙΠΛΟΣ ΟΔΗΓΟΣ (Τζάμι-σήτα) Double rail (Sash & insect screen)	6
16 Pro	16173		1622	ΟΔΗΓΟΣ ΕΠΑΛΛΗΛΟΥ Double rail overlapping	6
16 Pro	16174		1982	ΤΡΙΠΛΟΣ ΟΔΗΓΟΣ (Επάλληλο με σήτα) Triple rail (Double sash overlapping with insect screen)	6
16 Pro	16175		1823	ΤΡΙΠΛΟΣ ΟΔΗΓΟΣ (Τζάμι-σήτα-παντζούρι) Triple rail (Sash-insect screen-shutter)	6
	16250		1551	ΦΥΛΛΟ ΠΟΜΠΕ Sash (παραγγελία ως ειδικό)	6
	16252		1580	ΦΥΛΛΟ ΙΣΙΟ Sash (παραγγελία ως ειδικό)	6

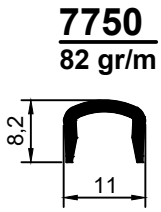
Κωδικός Code	Σχήμα Draft	Βάρος Weight (gr/m)	Περιγραφή Description	Μήκος Length (m)
16254		1538	ΦΥΛΛΟ ΠΟΜΠΕ Sash	6
16255		1299	ΦΥΛΛΟ ΠΟΜΠΕ Sash	6
16256		1349	ΦΥΛΛΟ ΙΣΙΟ Sash	6
7260		1164	ΦΥΛΛΟ ΠΟΜΠΕ Sash	6
7261		1194	ΦΥΛΛΟ ΙΣΙΟ Sash	6
16276		607	ΣΤΕΝΟ ΦΥΛΛΟ ΣΗΤΑΣ narrow mosquito screen frame	6
7270		766	ΦΥΛΛΟ ΣΗΤΑΣ mosquito screen frame	6
SLIM 130		805	ΦΥΛΛΟ ΠΑΝΤΖΟΥΡΙΟΥ sash shutter - rail 16165	6
SLIM 132		825	ΦΥΛΛΟ ΠΑΝΤΖΟΥΡΙΟΥ ΙΣΙΟ sash shutter - rail 16165	6
16360		1431	ΔΙΑΧΩΡΙΣΤΙΚΗ ΤΡΑΒΕΡΣΑ transom	6
16361		1335	ΔΙΑΧΩΡΙΣΤΙΚΗ ΤΡΑΒΕΡΣΑ 30,1 mm transom 30,1 mm	6
7371		857	ΔΙΑΧΩΡΙΣΤΙΚΗ ΤΡΑΒΕΡΣΑ transom	6
7373		581	ΔΙΑΧΩΡΙΣΤΙΚΗ ΤΡΑΒΕΡΣΑ transom	6
7375		709	ΔΙΑΧΩΡΙΣΤΙΚΗ ΤΡΑΒΕΡΣΑ ΣΗΤΑΣ transom for mosquito screen frame	6

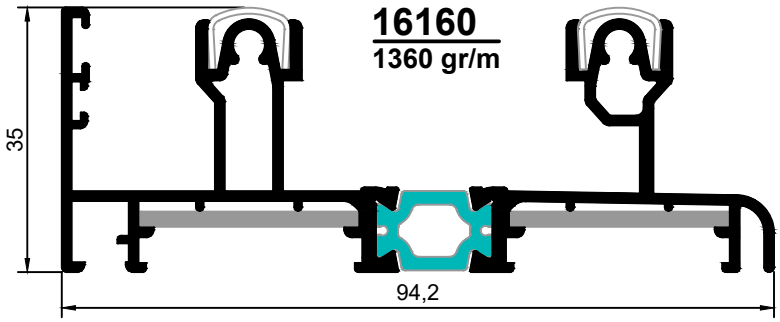
Κωδικός Code	Σχήμα Draft	Βάρος Weight (gr/m)	Περιγραφή Description	Μήκος Length (m)
16630		477	ΓΑΝΤΖΟΣ hook	6
16631		427	ΓΑΝΤΖΟΣ ΕΠΑΛΛΗΛΟΥ ΓΙΑ ΦΥΛΛΟ 16255 hook for sash 16255	6
16632		755	ΜΠΙΝΙ ΑΝΤΙΚΡΥΣΤΩΝ ΦΥΛΛΩΝ adaptor for opposite sashes	6
7634		465	ΜΠΙΝΙ ΑΝΤΙΚΡΥΣΤΩΝ ΦΥΛΛΩΝ adaptor for opposite sashes	6
7636		213	ΜΠΙΝΙ ΑΝΤΙΚΡΥΣΤΩΝ ΦΥΛΛΩΝ ΣΗΤΑΣ adaptor for opposite sashes	6
7531		540	ΚΟΡΝΙΖΑ wall cover	5
7532		591	ΑΡΜΟΚΑΛΥΠΤΡΟ closure for pocket doors or windows	5
7534		501	ΑΡΜΟΚΑΛΥΠΤΡΟ closure for pocket doors or windows	5
7752		153	ΚΑΠΑΚΙ ΑΡΜΟΚΑΛΥΠΤΡΟΥ 4512 cup for closure 4512	5
7754		137	ΚΑΠΑΚΙ ΑΡΜΟΚΑΛΥΠΤΡΟΥ 4550 cup for closure 4550	5
7756		236	ΠΡΟΣΘΗΚΗ ΣΗΤΑΣ ΓΙΑ ΒΟΥΡΤΣΑΚΙ	6
16530		224	ΚΟΡΝΙΖΑ ΚΟΥΜΠΩΤΗ wall cover	6
8506		285	ΚΟΡΝΙΖΑ wall cover	6
7750		82	ΛΑΜΑΚΙ ΑΛΟΥΜΙΝΙΟΥ aluminium cup	6

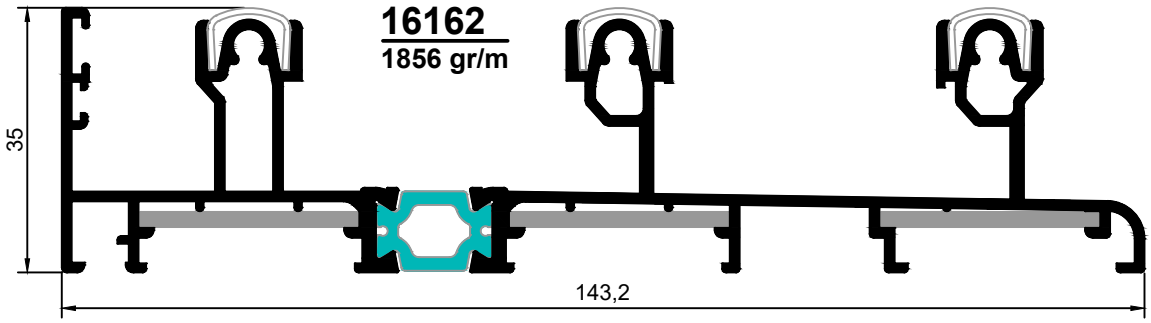
Κωδικός Code	Σχήμα Draft	Βάρος Weight (gr/m)	Περιγραφή Description	Μήκος Length (m)
16634		294	ΜΠΙΝΙ ΣΗΤΑΣ adaptor for sashes	6
7771		170	ΠΡΟΣΘΗΚΗ ΓΙΑ IN-LINE ΚΛΕΙΔΑΡΙΕΣ ΓΙΑ ΤΑ ΦΥΛΛΑ SLIM 130 & SLIM 132 for in-line locks for sashes Slim130 & Slim132	6
7772		211	ΠΡΟΣΘΗΚΗ IN-LINE ΚΛΕΙΔΑΡΙΕΣ ΓΙΑ ΟΛΑ ΤΑ ΦΥΛΛΑ ΠΛΗΝ ΤΩΝ 16255 & 16256 for in-line locks all sashes excluding 16255 & 16256	6
7773		230	ΓΙΑ IN-LINE ΚΛΕΙΔΑΡΙΕΣ ΓΙΑ ΤΑ ΦΥΛΛΑ 16255 & 16256 for in-line locks for sashes 16255 & 16256	6

Προφίλ 1:1
Profiles 1:1

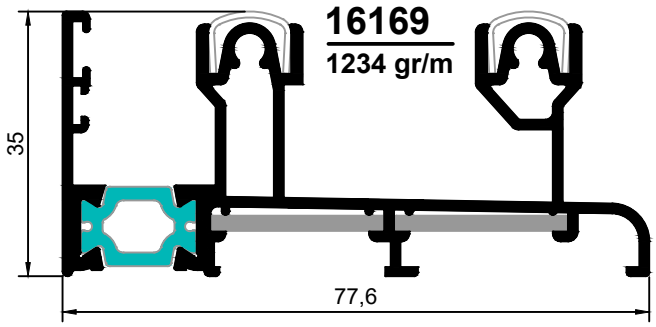


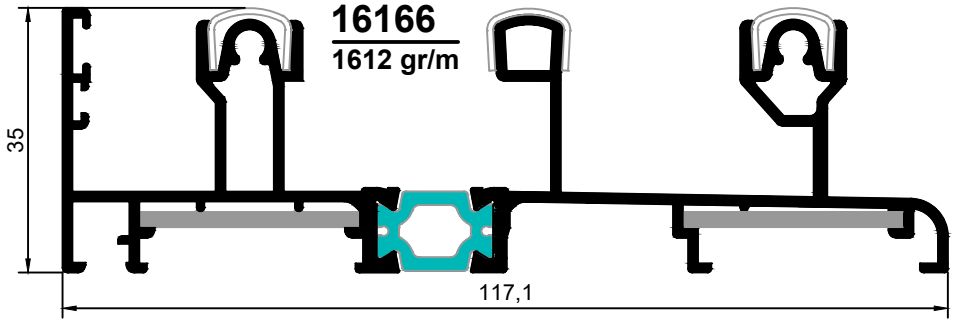


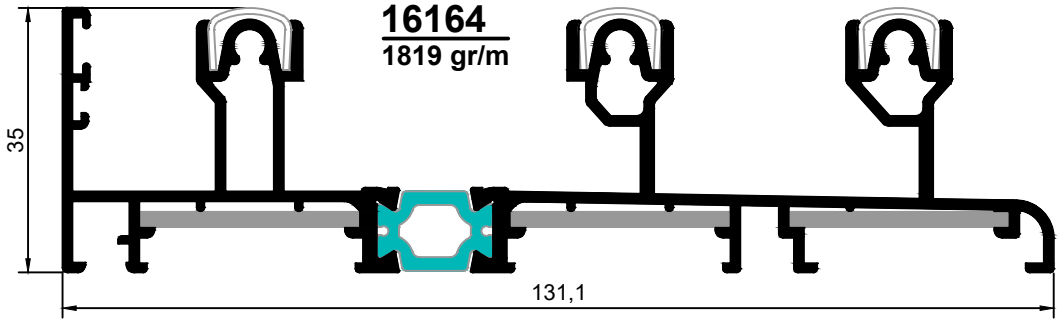


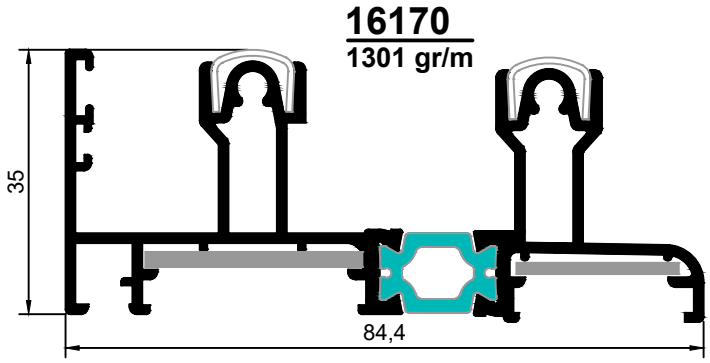


Προφίλ 1:1
Profiles 1:1

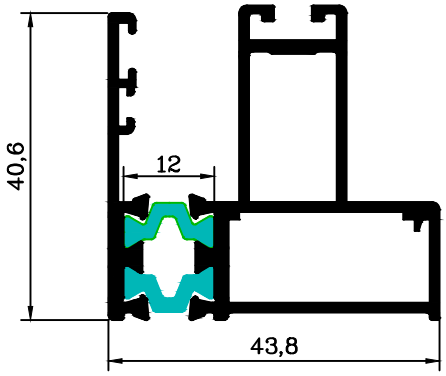




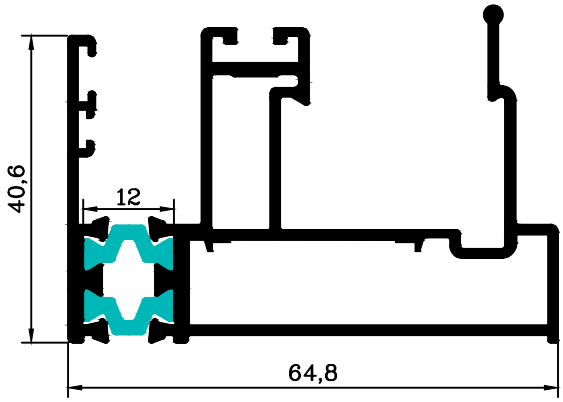




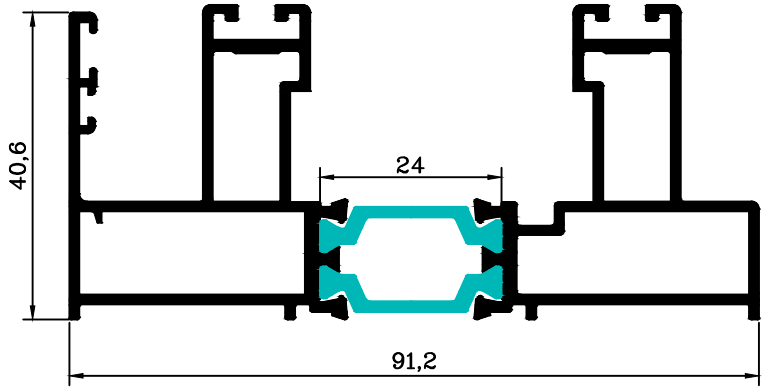
Προφίλ 1:1
Profiles 1:1



16171
1001 gr/m

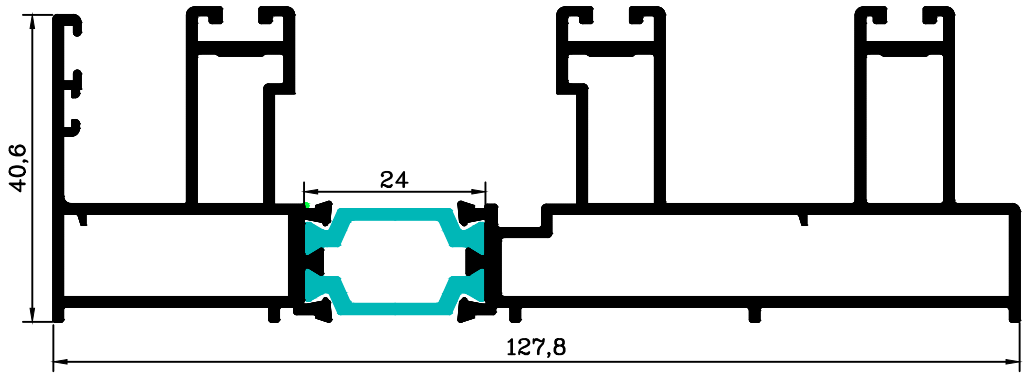


16172
1315 gr/m

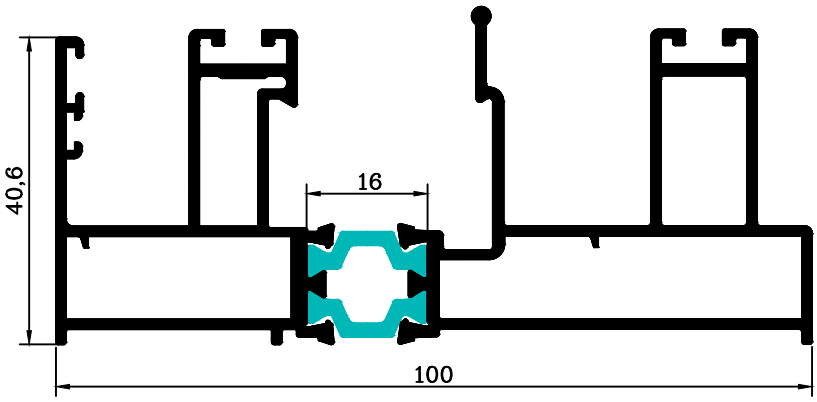


16173
1622 gr/m

Προφίλ 1:1
Profiles 1:1



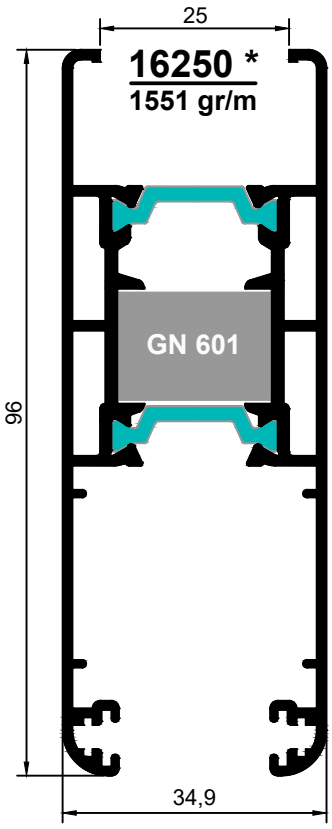
16174
1982 gr/m



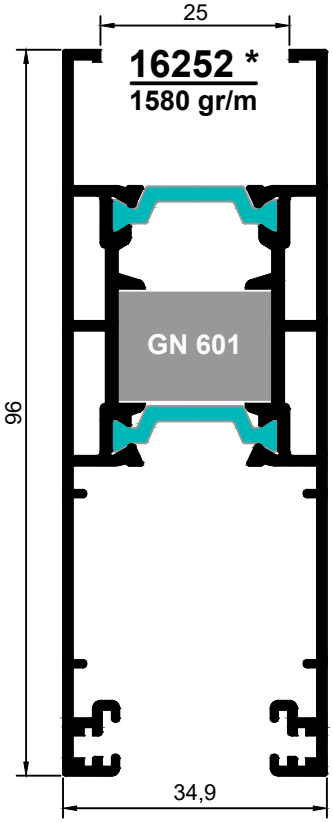
16175
1823 gr/m

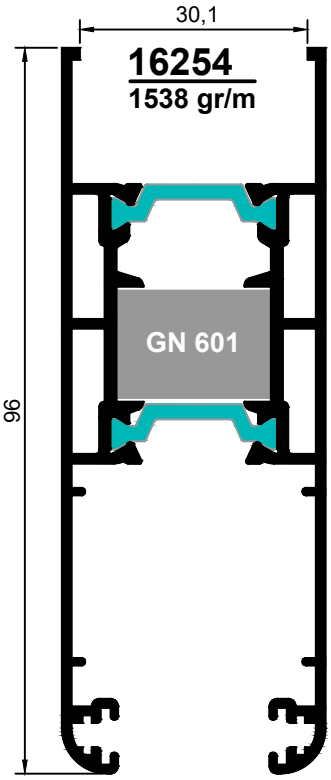
Προφίλ 1:1
Profiles 1:1

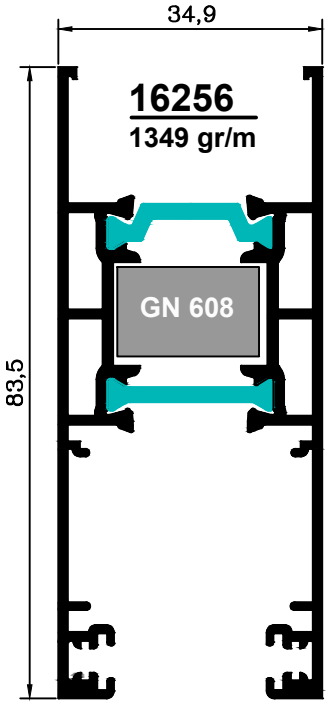
*παραγελία
ως ειδικό

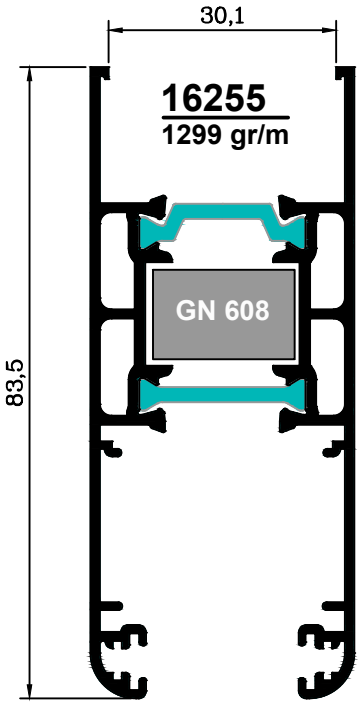


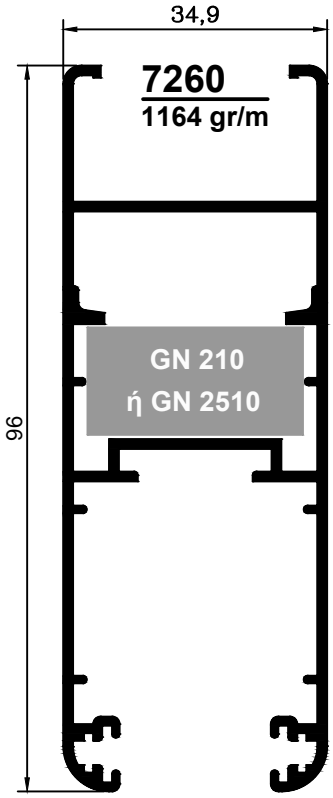
*παραγελία
ως ειδικό





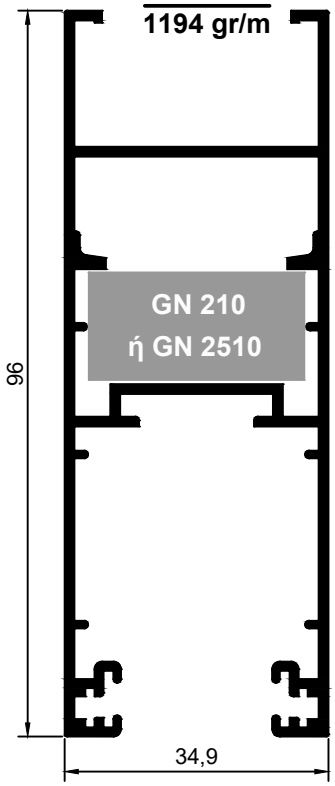




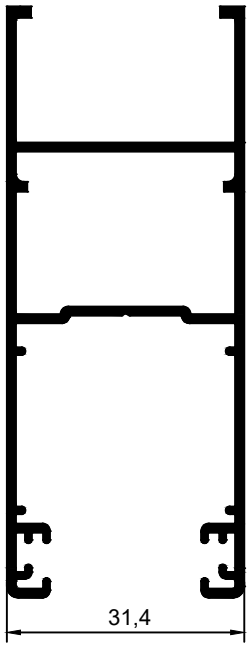


Προφίλ 1:1
Profiles 1:1

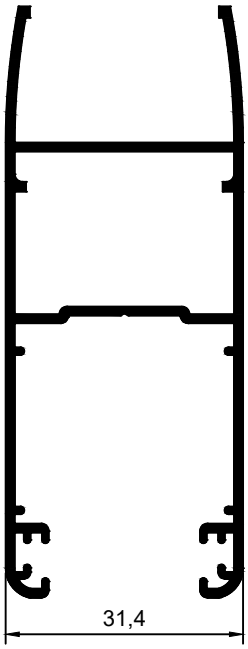
7261
1194 gr/m



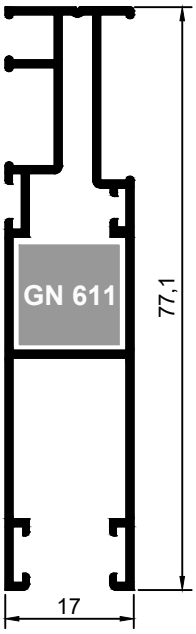
132
825 gr/m



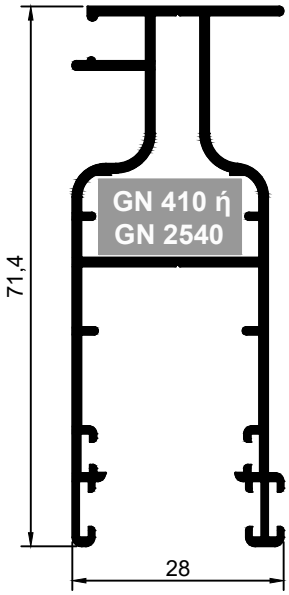
130
806 gr/m



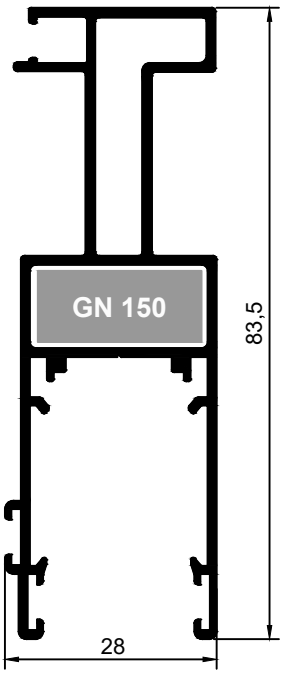
16276
607 gr/m



7270
766 gr/m

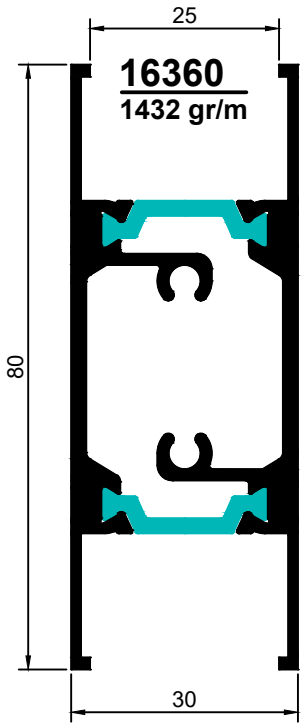


16278
942 gr/m

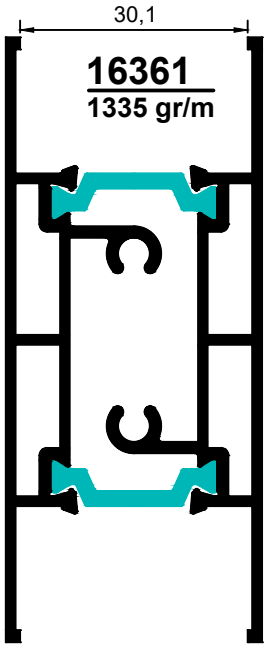


Προφίλ 1:1
Profiles 1:1

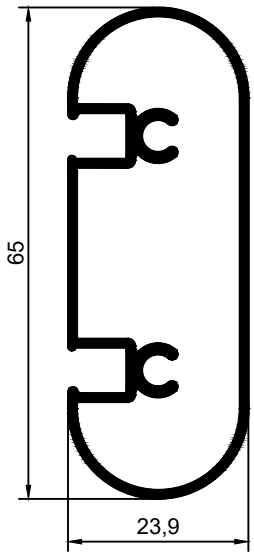
16360
1432 gr/m



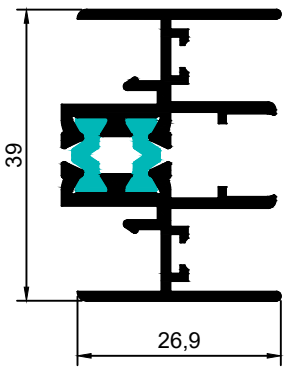
16361
1335 gr/m



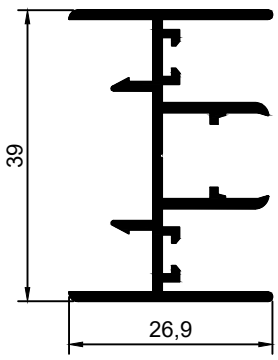
7375
709 gr/m



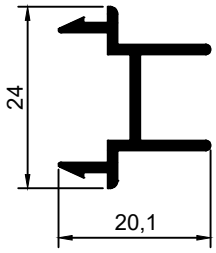
16632
755 gr/m



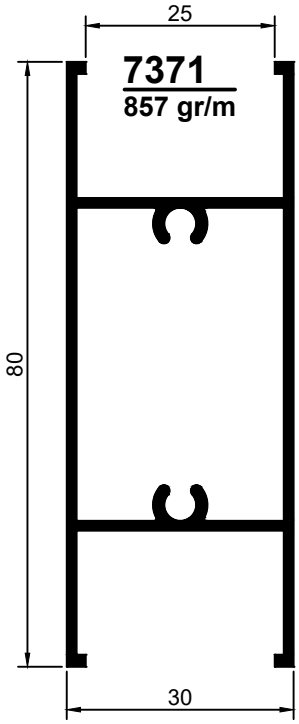
7634
465 gr/m



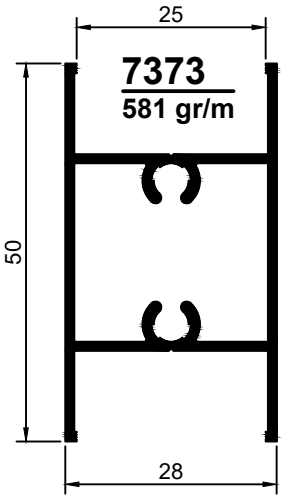
7636
213 gr/m



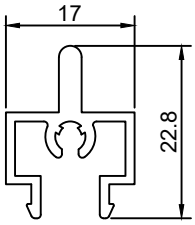
Προφίλ 1:1
Profiles 1:1



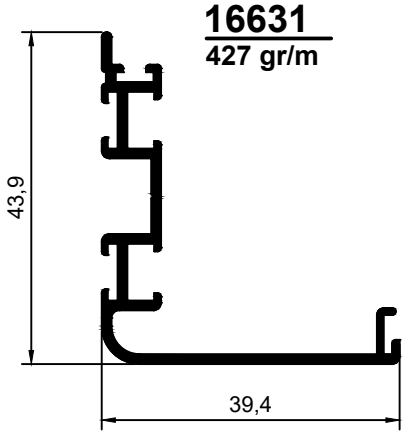
7371
857 gr/m



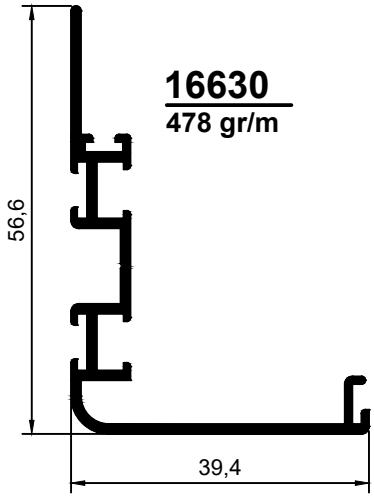
7373
581 gr/m



16634
271 gr/m

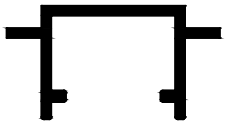


16631
427 gr/m



16630
478 gr/m

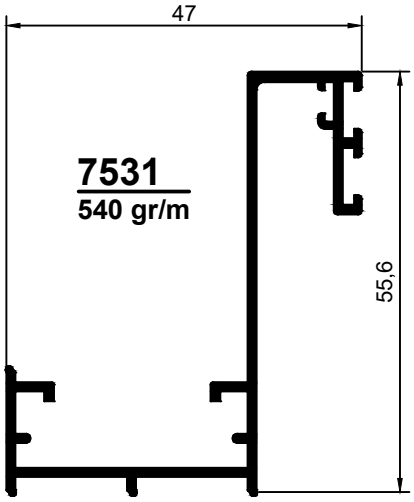
7771
170 gr/m

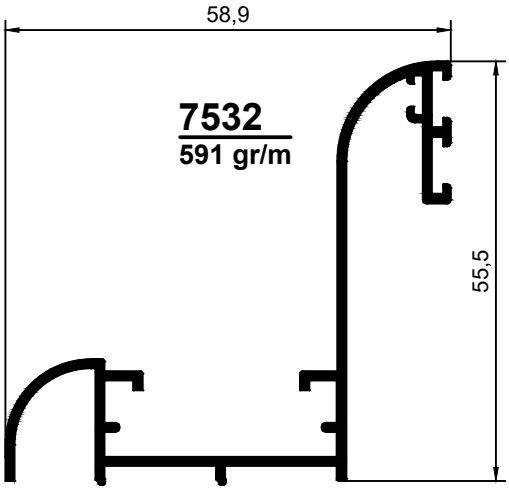


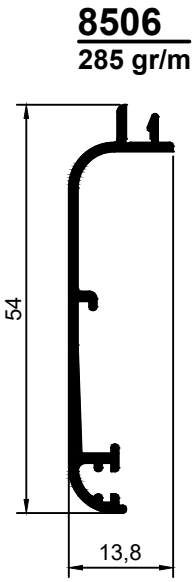
7772
211 gr/m

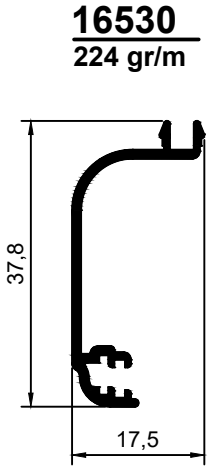
7773
230 gr/m

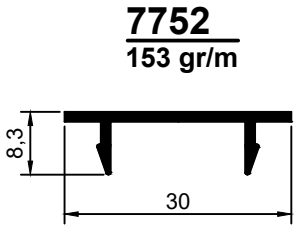
Προφίλ 1:1

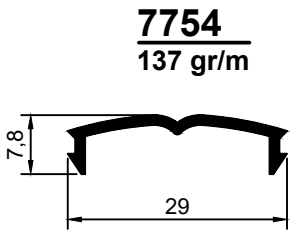

47
7531
540 gr/m
55,6


58,9
7532
591 gr/m
55,5


8506
285 gr/m
54
13,8


16530
224 gr/m
37,8
17,5


7752
153 gr/m
8,3
30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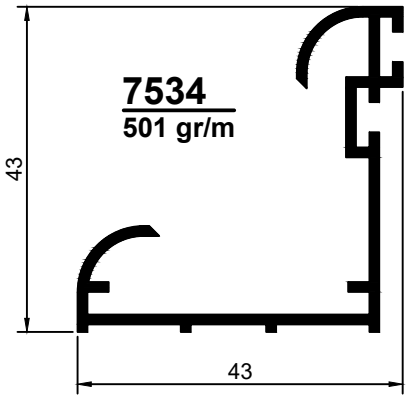
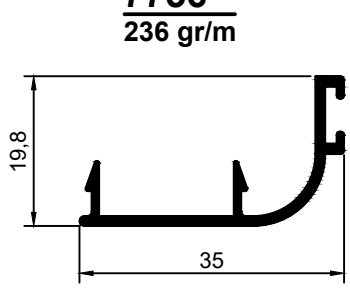
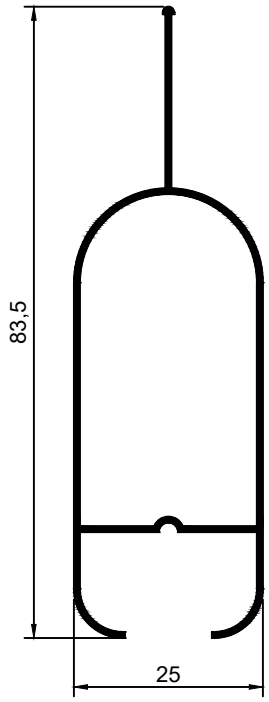
137 gr/m
7,8
29

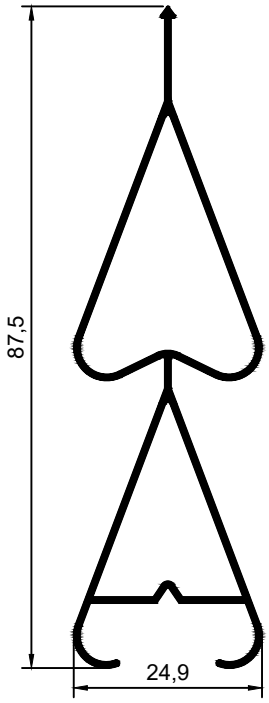

7534
501 gr/m
43
43


7756
236 gr/m
19,8
35

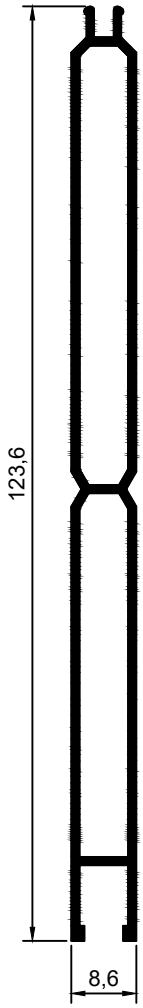
Προφίλ 1:1



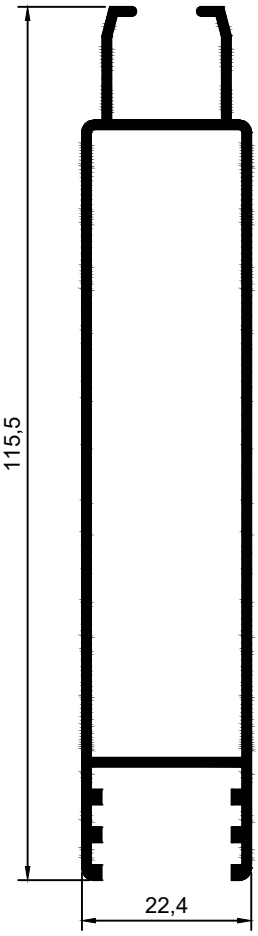
25520
398 gr/m



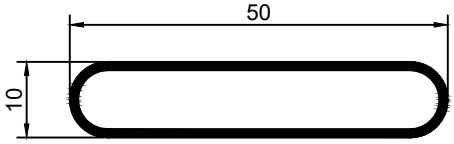
25521A
483 gr/m



9700
790 gr/m



25351
933 gr/m



10x50
322 gr/m

METALOUMIN

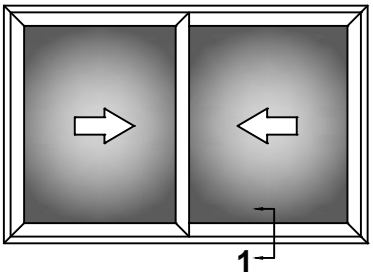
ENERGY 16+Pro

ΤΟΜΕΣ

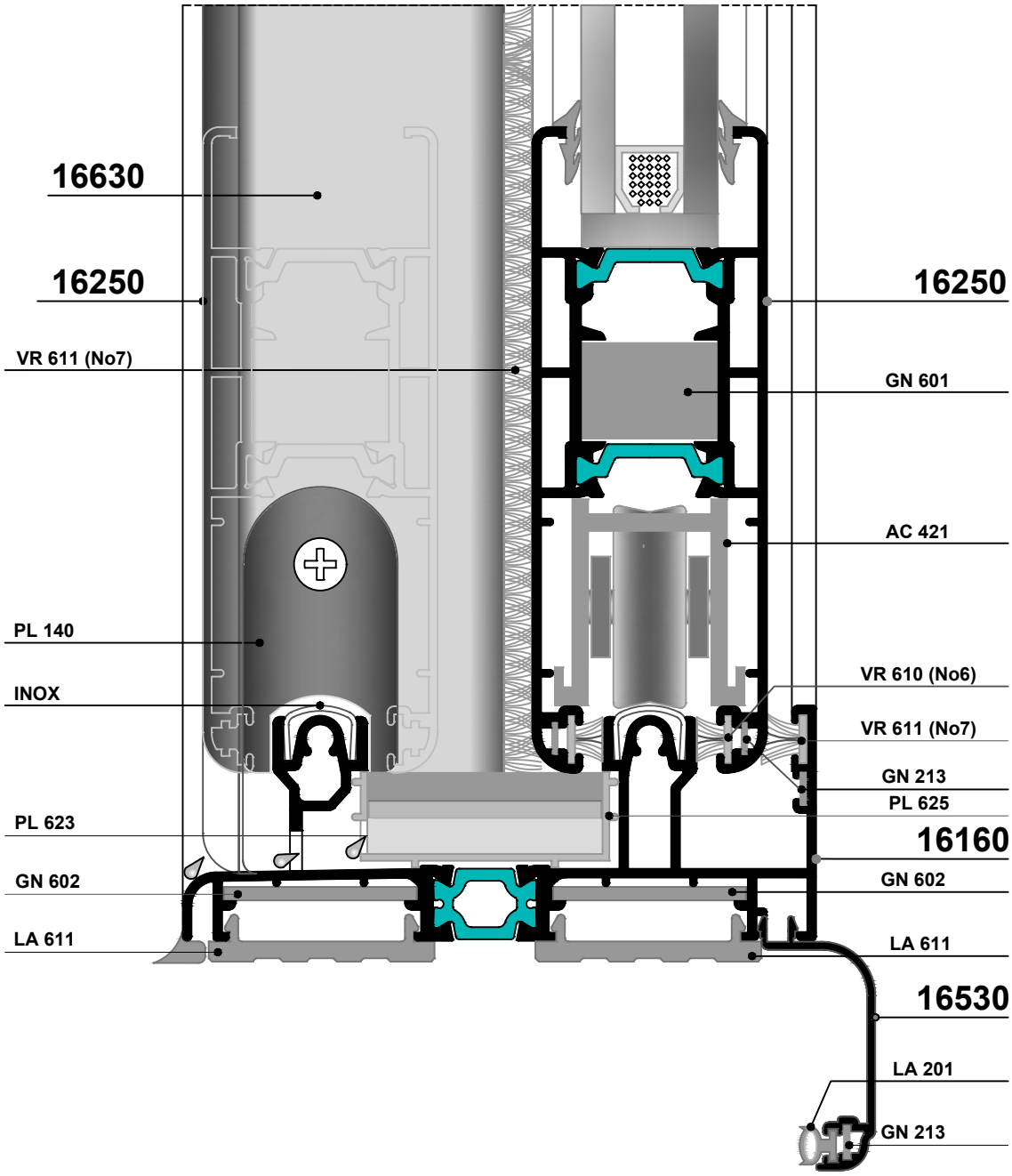
SECTIONS

Προφίλ 1:1
Profiles 1:1

Δίφυλλο επάλληλο
Double sash overlapping

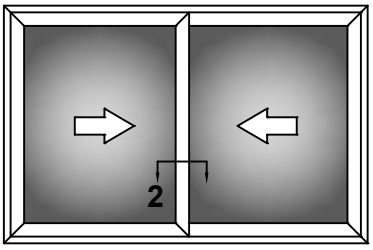


ΤΟΜΗ 1
Section 1

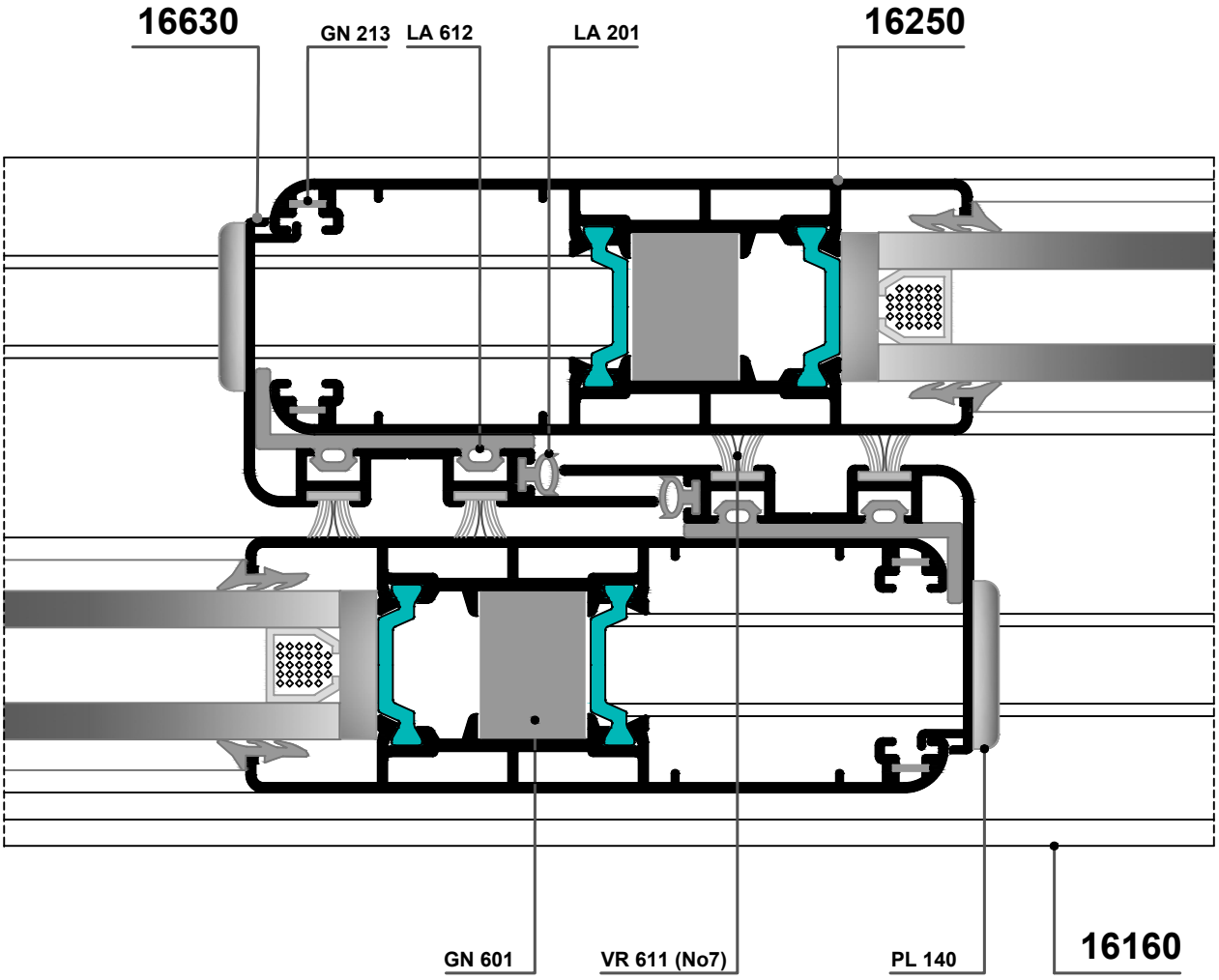


Προφίλ 1:1
Profiles 1:1

Δίφυλλο επάλληλο
Double sash overlapping

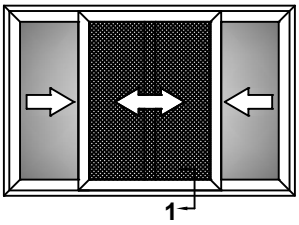


ΤΟΜΗ 2
Section 2

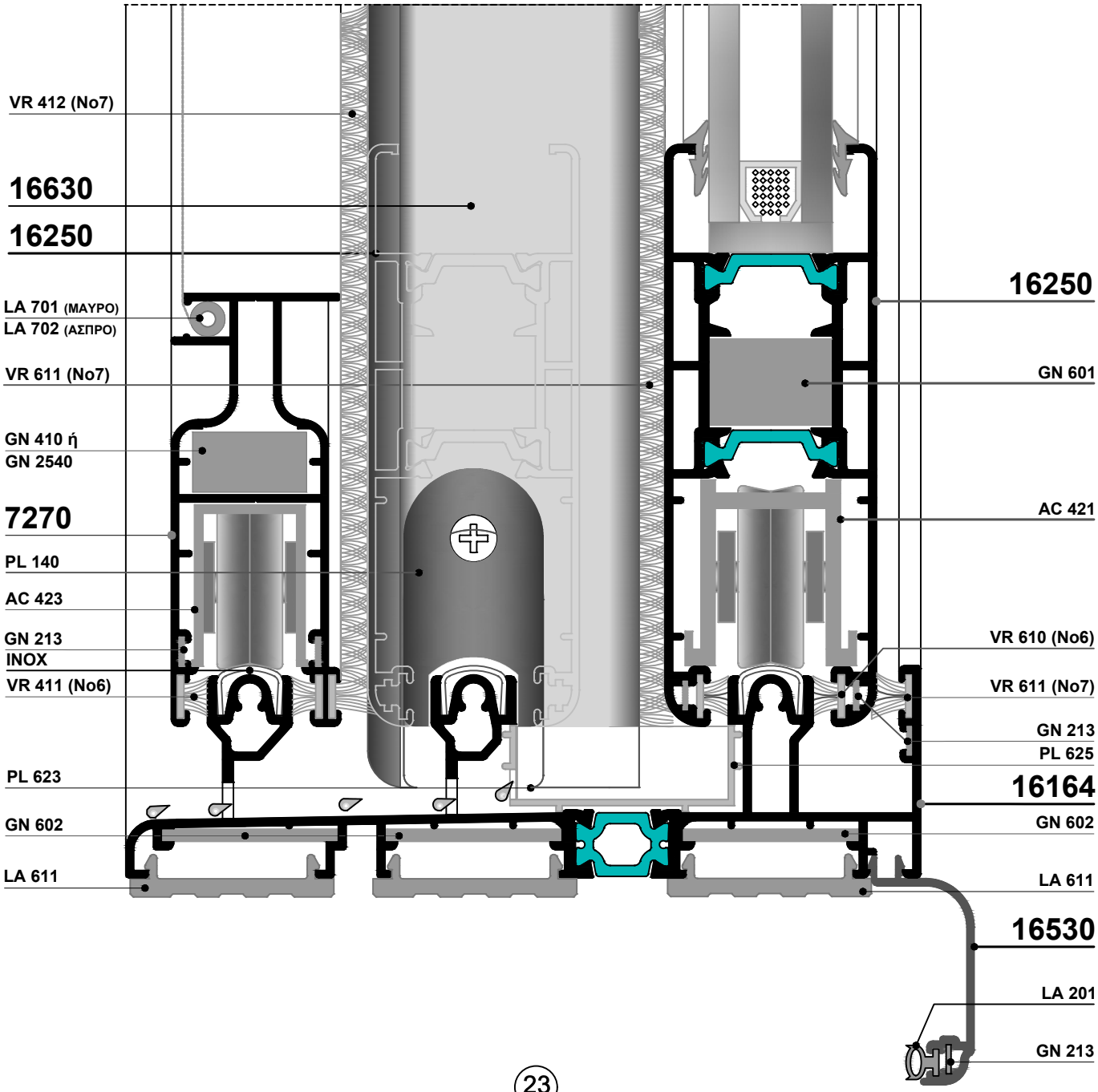


Δίφυλλο επάλληλο με σήτα
Double sash overlapping with insect screen

Προφίλ 1:1
Profiles 1:1

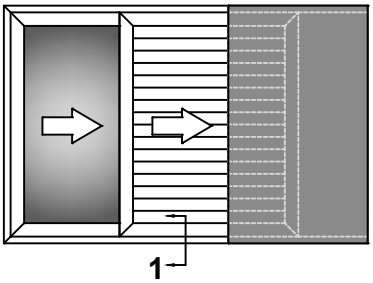


ΤΟΜΗ 1
Section 1

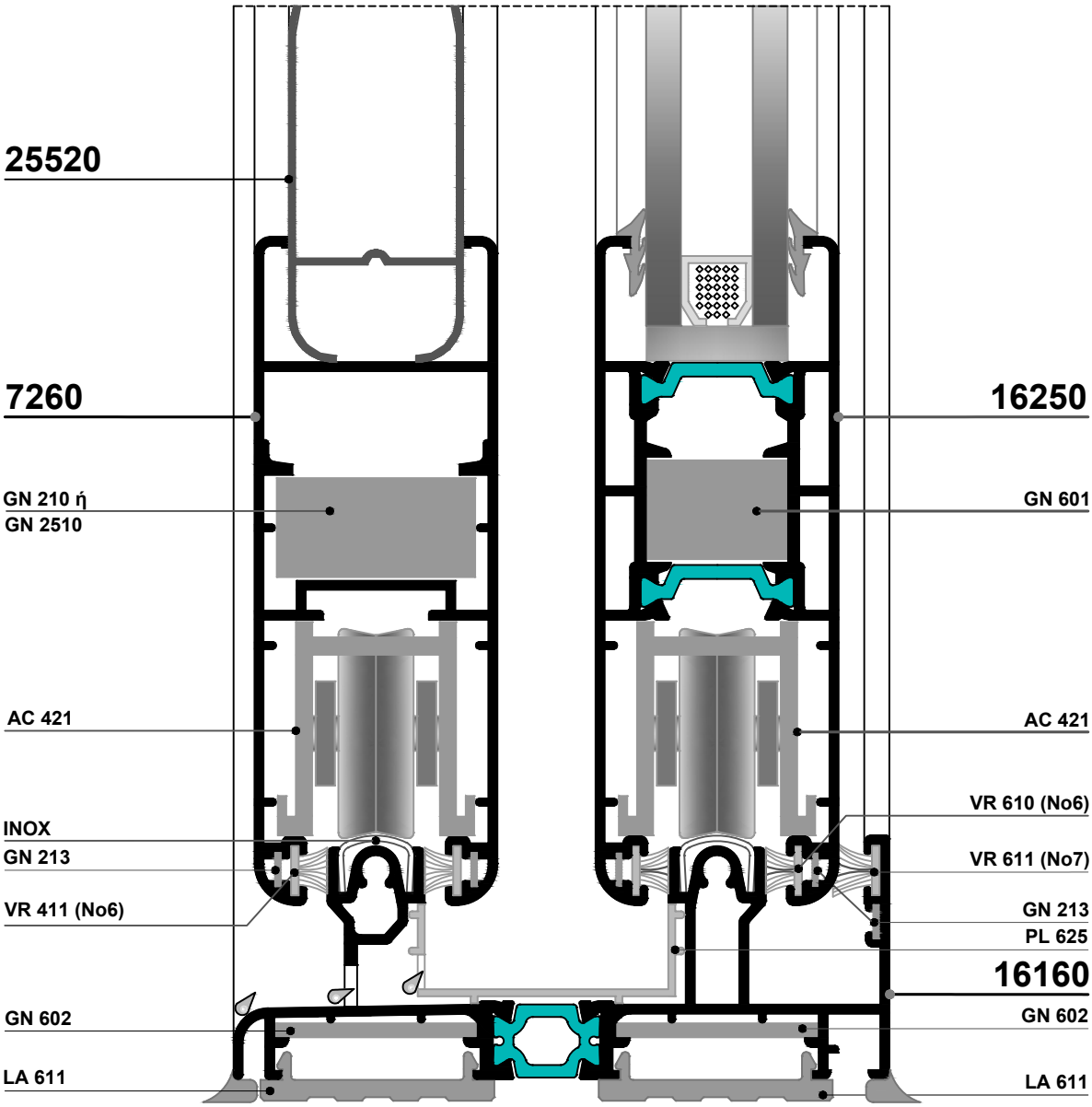


Τζάμι παντζούρι χωνευτά
Glass shutter in the wall

Προφίλ 1:1
Profiles 1:1

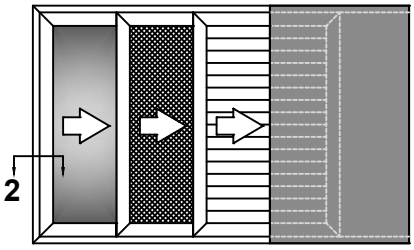


ΤΟΜΗ 1
Section 1

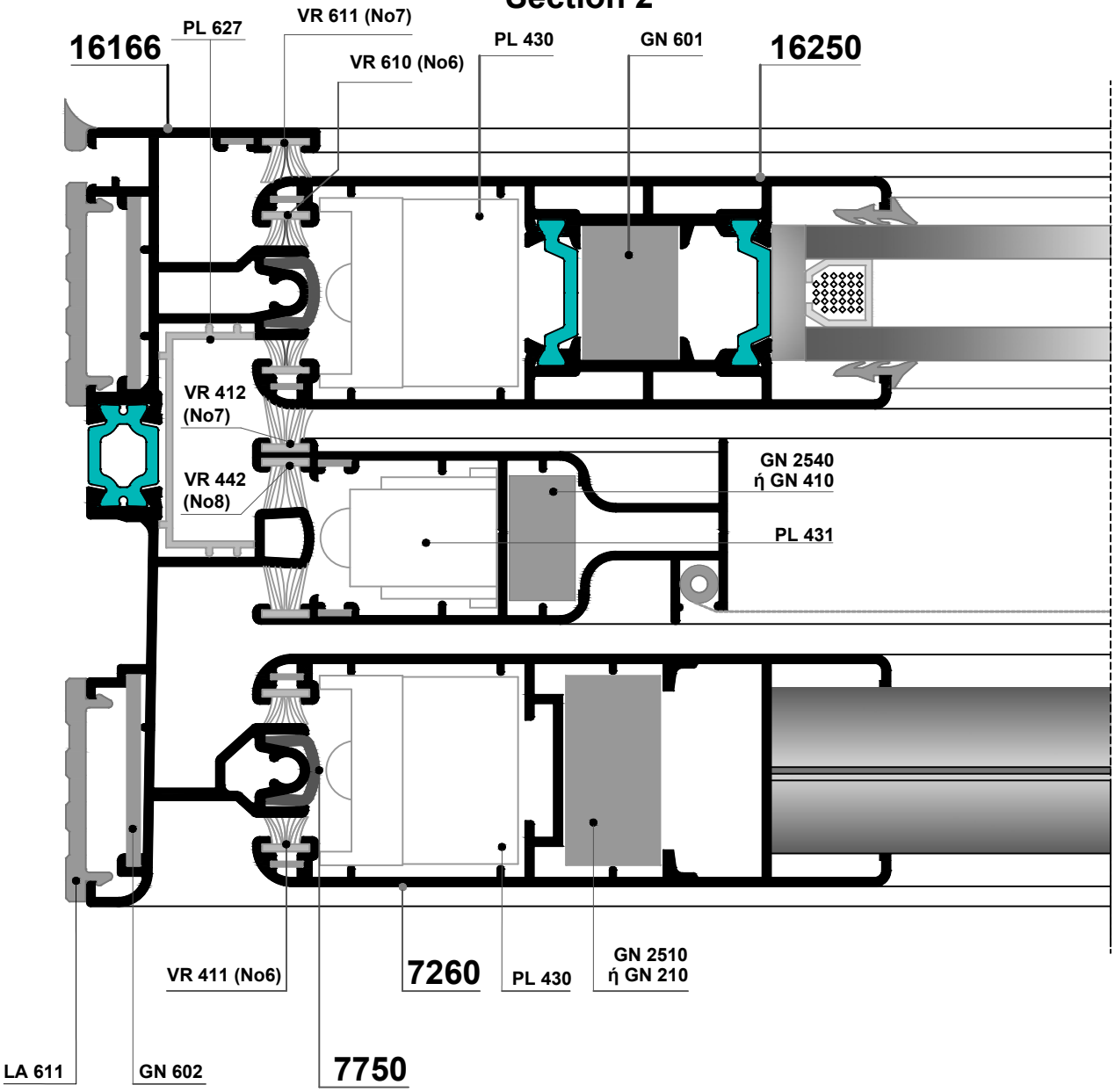


Προφίλ 1:1
Profiles 1:1

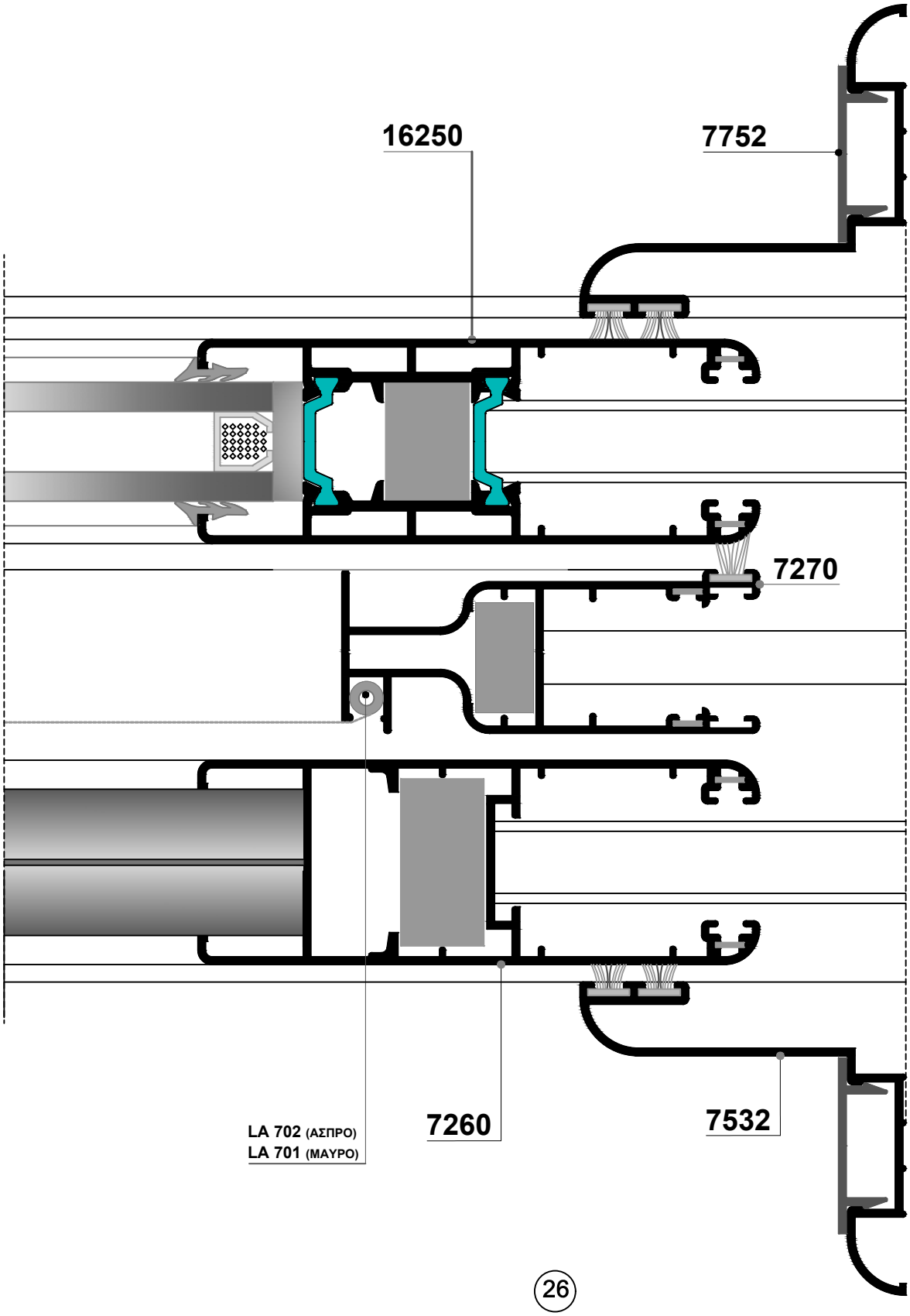
Τζάμι σήτα παντζούρι χωνευτά
Glass-insect screen-shutter in the wall



ΤΟΜΗ 2
Section 2

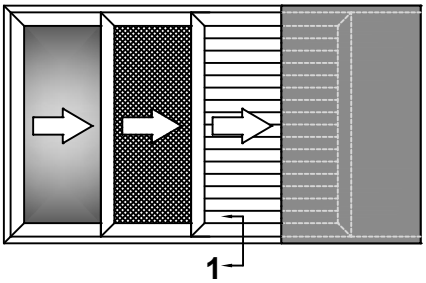


Προφίλ 1:1
Profiles 1:1

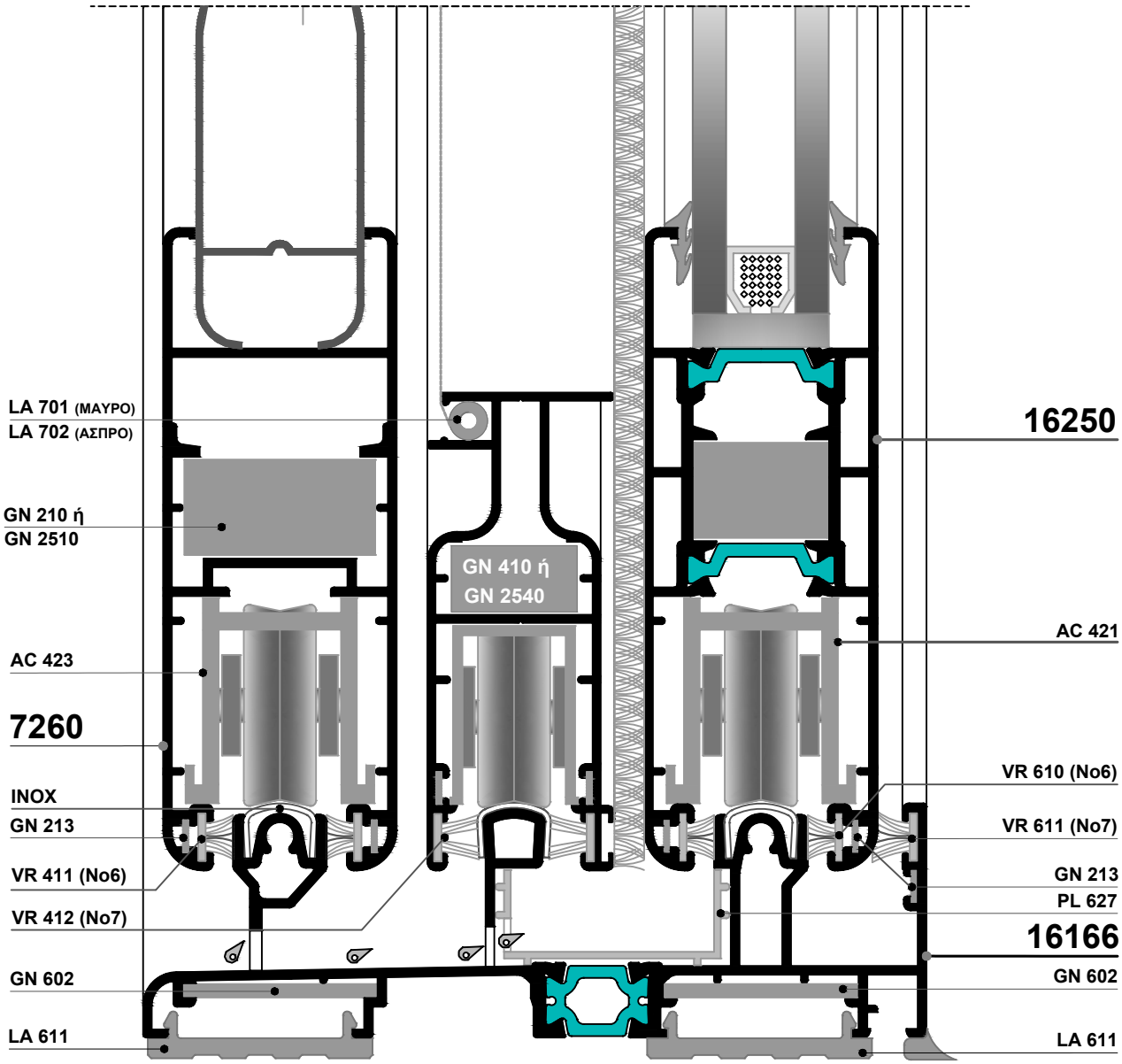


Τζάμι σήτα παντζούρι χωνευτά
Glass-insect screen-shutter in the wall

Προφίλ 1:1
Profiles 1:1

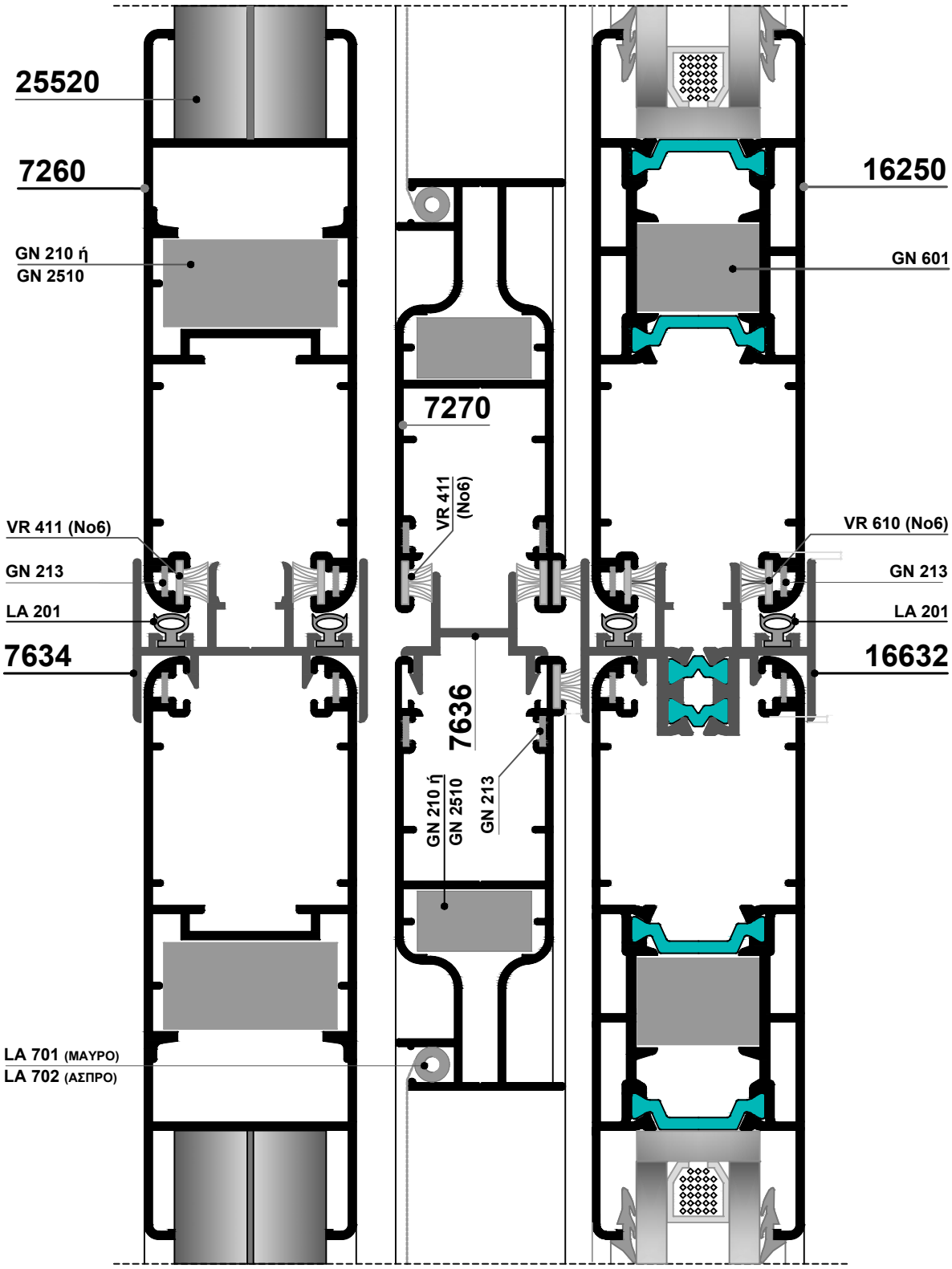


ΤΟΜΗ 1
Section 1



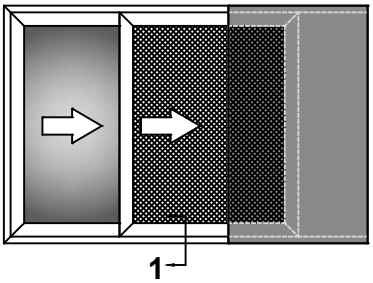
ΤΟΜΗ 2 Προφίλ 1:1
Section 2 Profiles 1:1

Τζάμι σήτα παντζούρι χωνευτά
Glass-insect screen-shutter in the wall

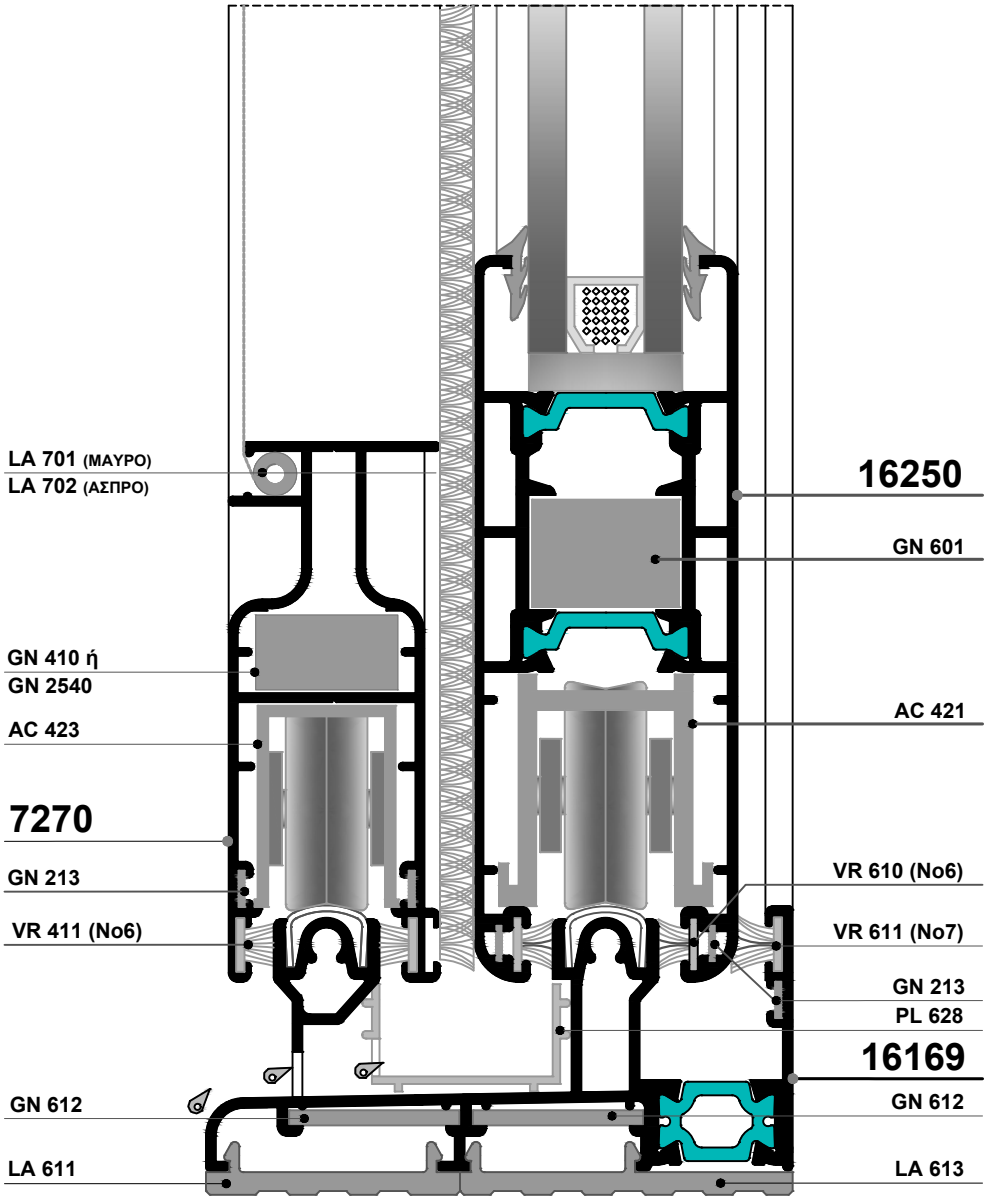


Προφίλ 1:1
Profiles 1:1

Τζάμι σήτα χωνευτά
Glass-insect screen in the wall

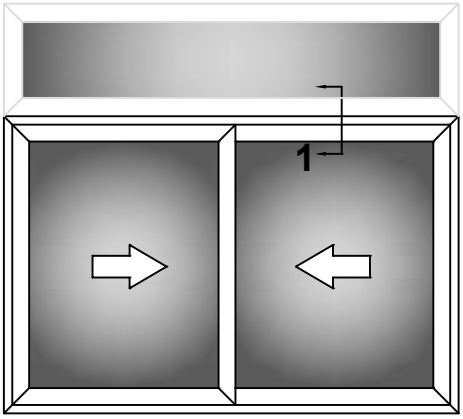


ΤΟΜΗ 1
Section 1

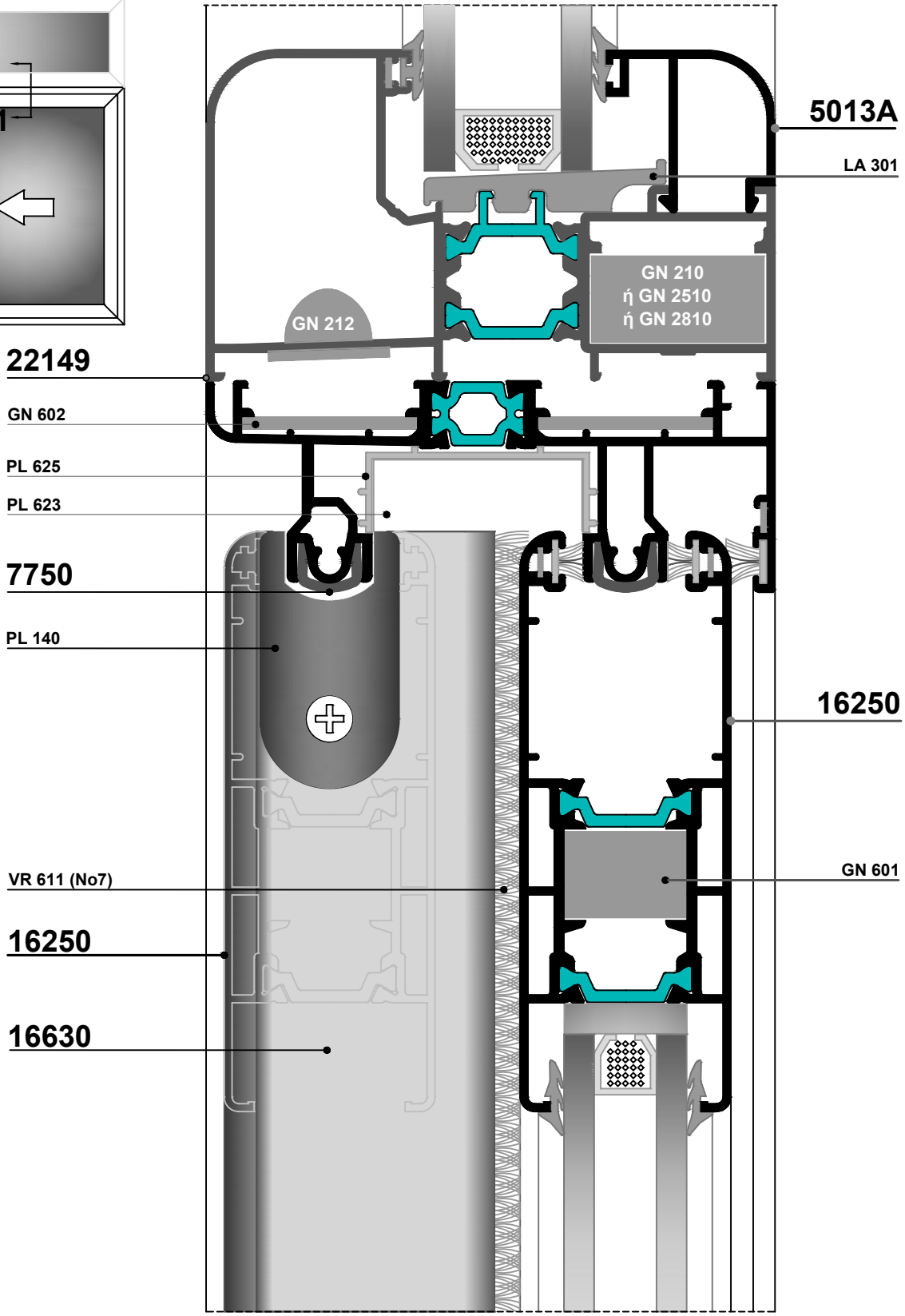


Προφίλ 1:1
Profiles 1:1

Δίφυλλο επάλληλο με φεγγίτη
Double sash overlapping with dormer window



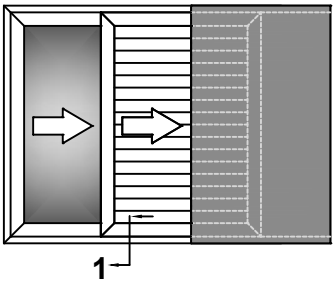
ΤΟΜΗ 1
Section 1



Προφίλ 1:1

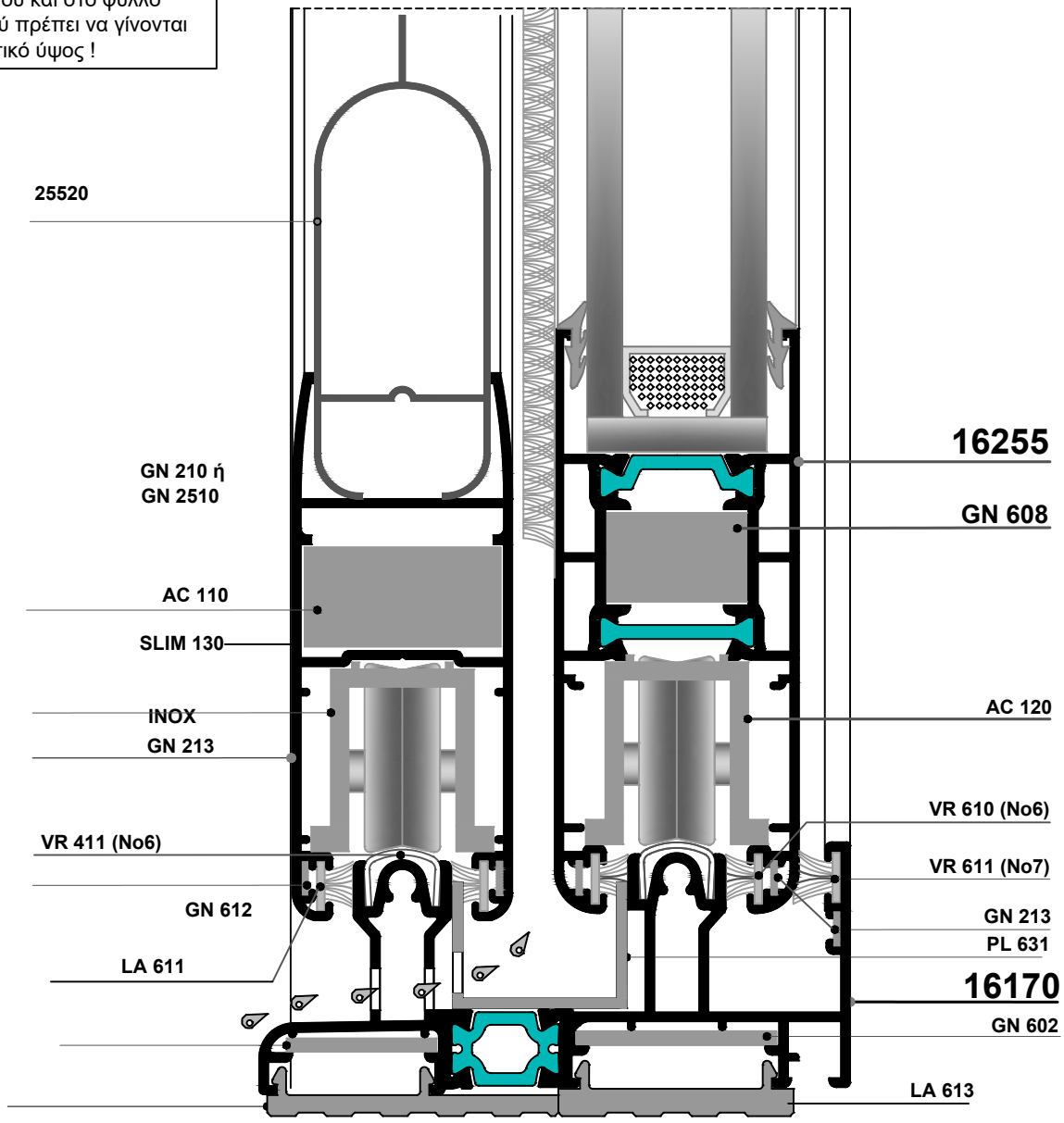
Profiles 1:1

Τζάμι παντζούρι χωνευτό
Glazing- insect screen - flushed in shutter



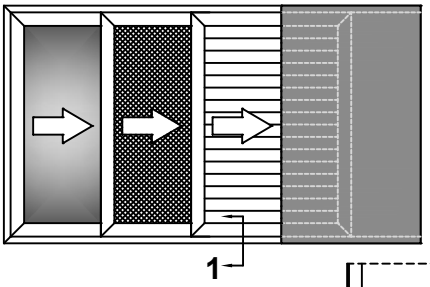
Σημαντική Παρατήρηση: Τα χαντρώματα για τις χούφτες στο φύλλο τζαμιού και στο φύλλο παντζουριού πρέπει να γίνονται σε διαφορετικό ύψος !

ΤΟΜΗ 1
Section 1

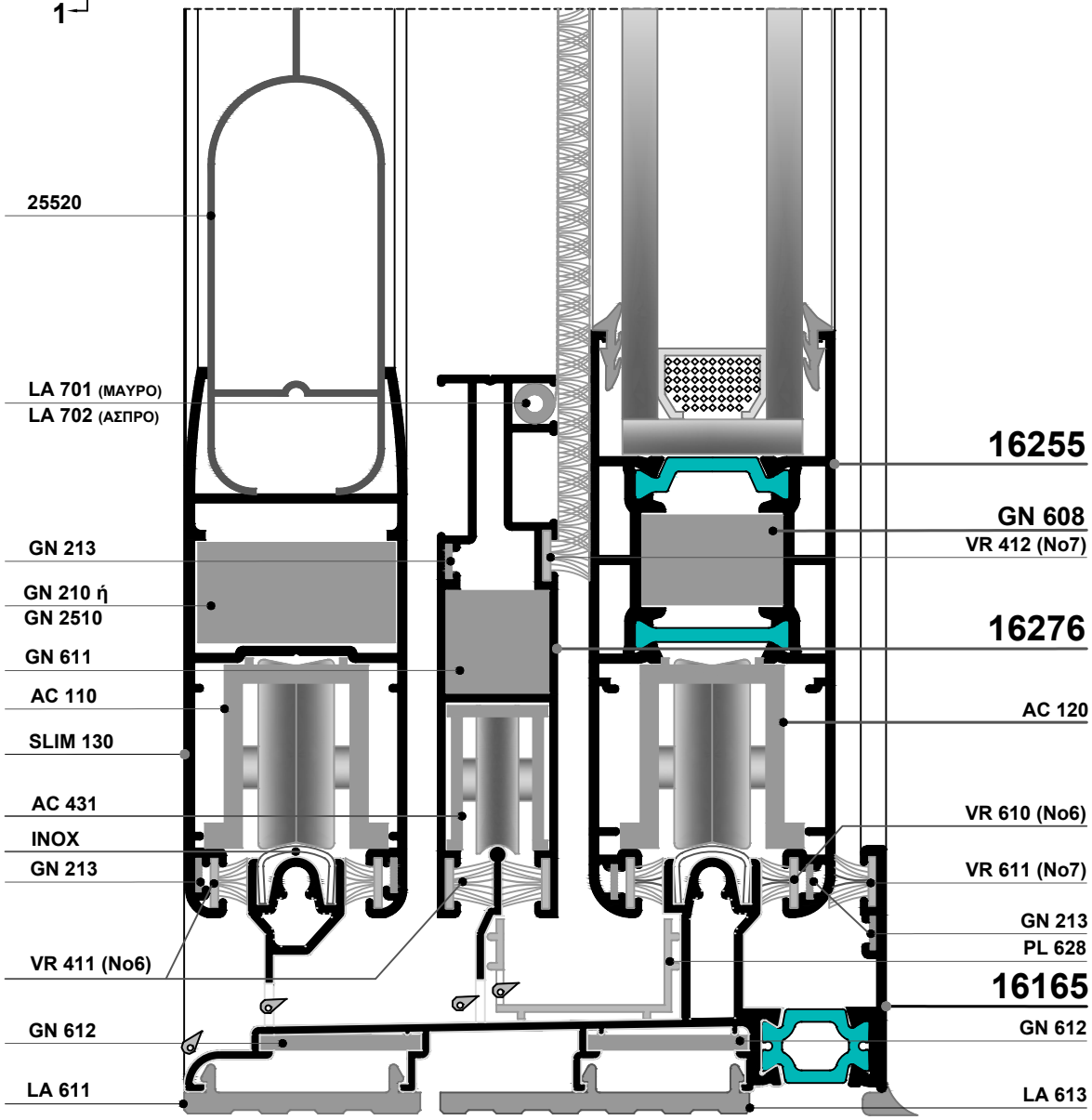


Τζάμι σήτα παντζούρι χωνευτά
Glass- insect screen - shutter in the wall

Προφίλ 1:1
Profiles 1:1

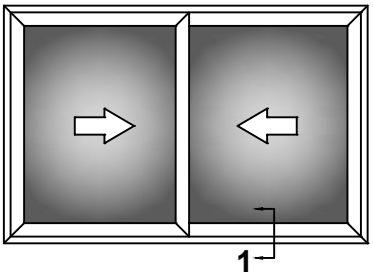


ΤΟΜΗ 1
Section 1

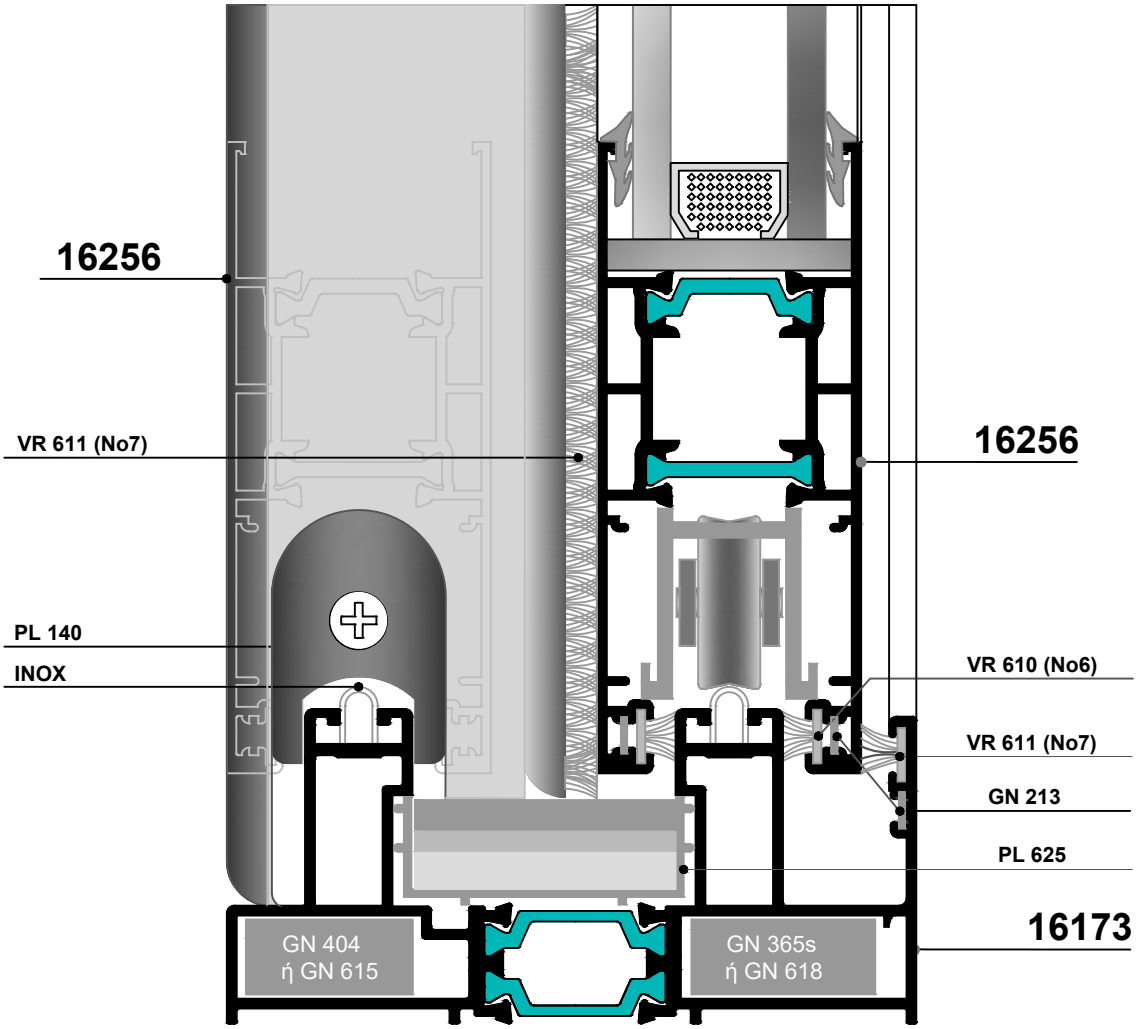


Προφίλ 1:1
Profiles 1:1

Δίφυλλο επάλληλο
Double sash overlapping

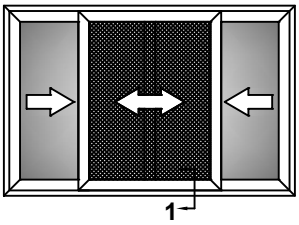


ΤΟΜΗ 1
Section 1

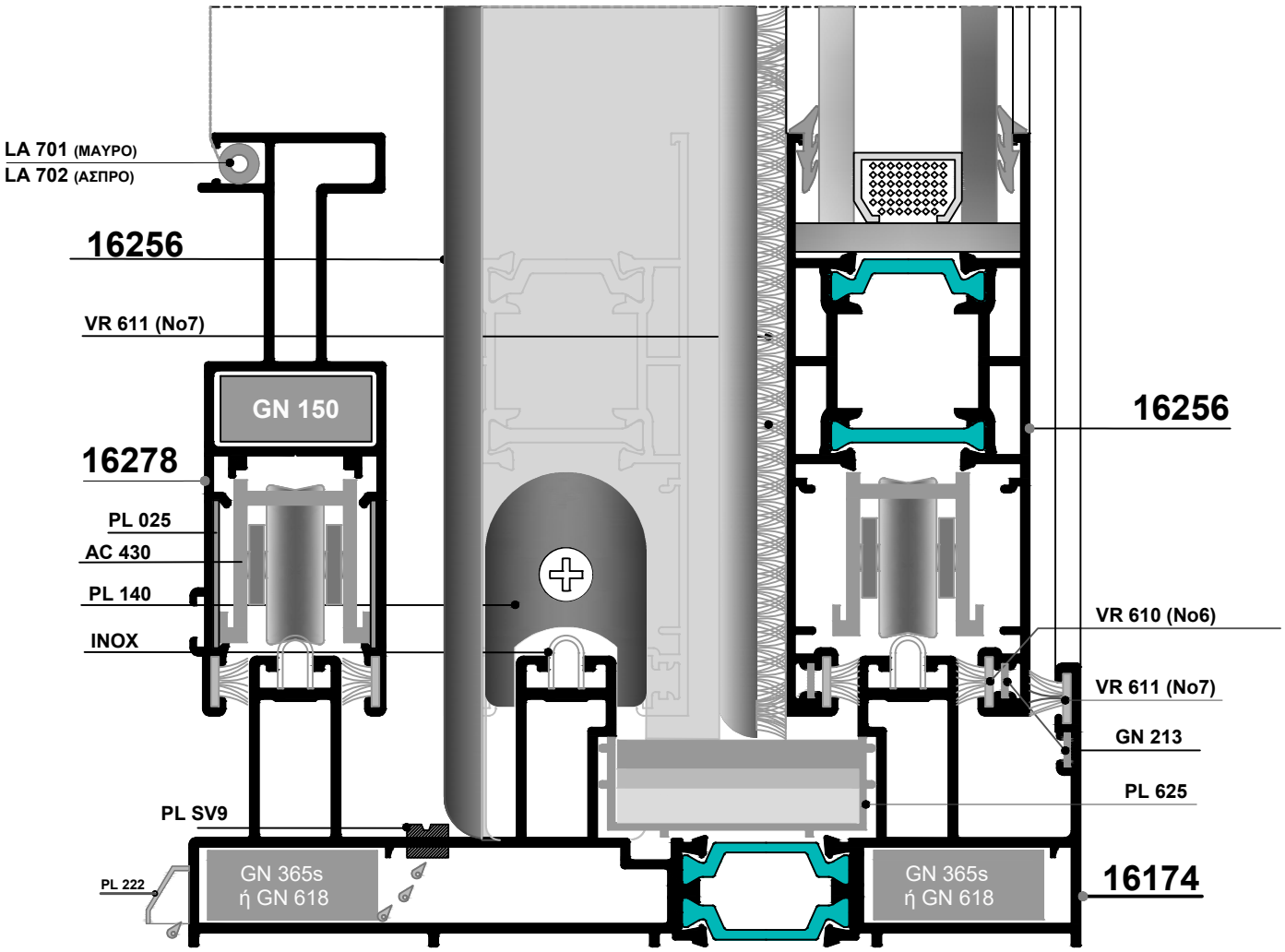


Προφίλ 1:1
Profiles 1:1

Δίφυλλο επάλληλο με σήτα
Double sash overlapping with insect screen



ΤΟΜΗ 1
Section 1



METALOUMIN

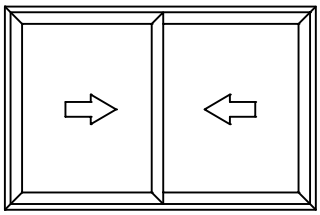
ENERGY 16+Pro

ΚΟΠΕΣ

CUTTINGS

κοπές
cuttings

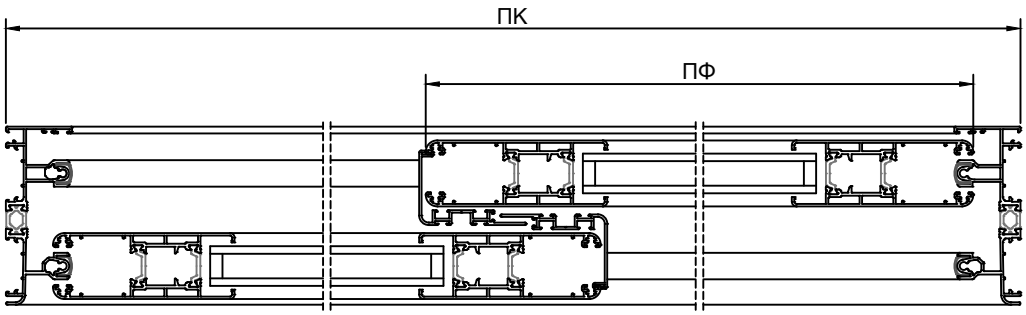
ΔΙΦΥΛΛΟ ΕΠΑΛΛΗΛΟ
double sash overlapping

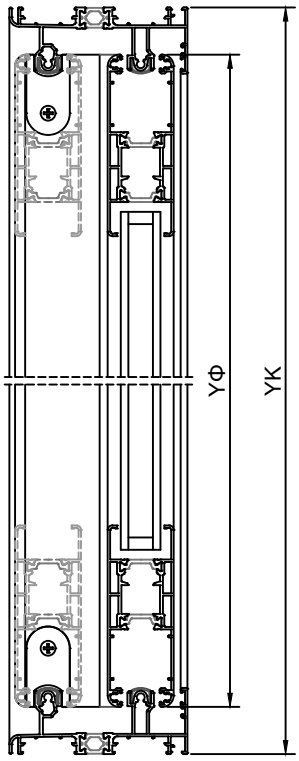


ΠΚ = ΠΛΑΤΟΣ ΟΔΗΓΟΥ
length of frame
ΥΚ = ΥΨΟΣ ΟΔΗΓΟΥ
height of frame
ΠΦ = ΠΛΑΤΟΣ ΦΥΛΛΟΥ
length of sash
ΥΦ = ΥΨΟΣ ΦΥΛΛΟΥ
height of sash

ΟΔΗΓΟΣ (rail) 16160
ΦΥΛΛΟ (sashes) 16250, 16252 ,16254

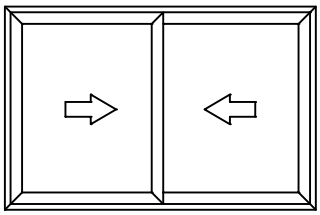
ΠΦ = (ΠΚ + 44) / 2
ΥΦ = ΥΚ - 51





κοπές
cuttings

ΔΙΦΥΛΛΟ ΕΠΑΛΛΗΛΟ
double sash overlapping

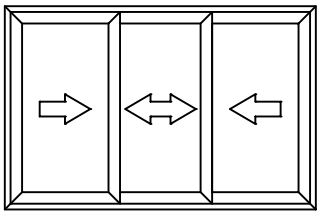


ΟΔΗΓΟΣ (rail) 16160
ΦΥΛΛΟ (sashes) 16255, 16256

ΠΦ = (ΠΚ + 33) / 2
ΥΦ = ΥΚ - 51

ΠΚ = ΠΛΑΤΟΣ ΟΔΗΓΟΥ
length of frame
ΥΚ = ΥΨΟΣ ΟΔΗΓΟΥ
height of frame
ΠΦ = ΠΛΑΤΟΣ ΦΥΛΛΟΥ
length of sash
ΥΦ = ΥΨΟΣ ΦΥΛΛΟΥ
height of sash

ΤΡΙΦΥΛΛΟ ΕΠΑΛΛΗΛΟ
triple sash overlapping



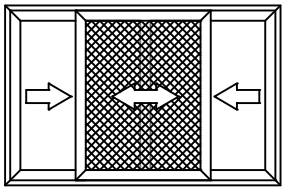
ΟΔΗΓΟΣ (rail) 16162
ΦΥΛΛΟ (sashes) 16255, 16256

ΠΦ = (ΠΚ + 116) / 3
ΥΦ = ΥΚ - 51

ΠΚ = ΠΛΑΤΟΣ ΟΔΗΓΟΥ
length of frame
ΥΚ = ΥΨΟΣ ΟΔΗΓΟΥ
height of frame
ΠΦ = ΠΛΑΤΟΣ ΦΥΛΛΟΥ
length of sash
ΥΦ = ΥΨΟΣ ΦΥΛΛΟΥ
height of sash

κοπές
cuttings

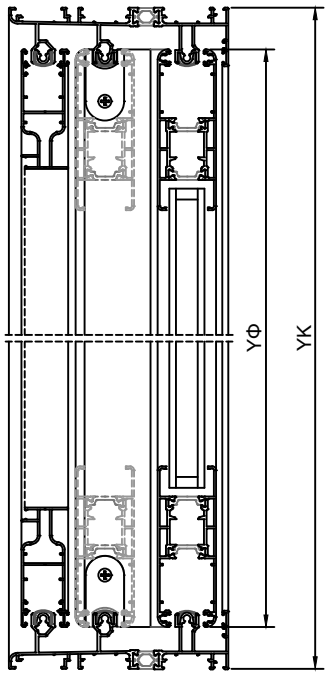
ΔΙΦΥΛΛΟ ΕΠΑΛΛΗΛΟ ΜΕ ΣΗΤΑ
double sash overlapping with mosquito screen

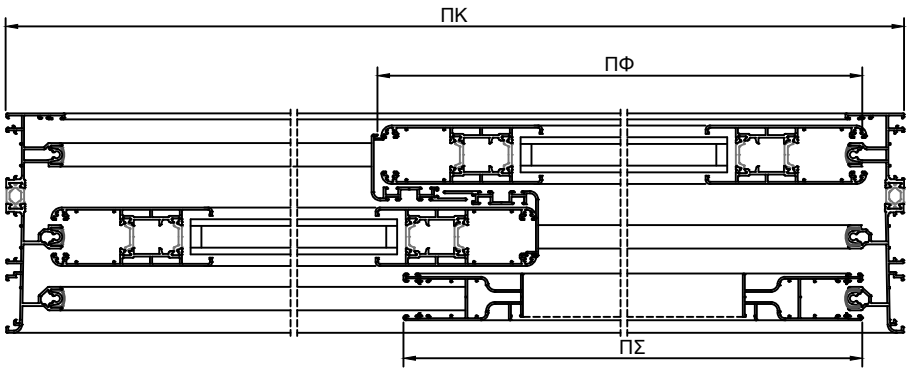


ΠΚ = ΠΛΑΤΟΣ ΟΔΗΓΟΥ
length of frame
ΥΚ = ΥΨΟΣ ΟΔΗΓΟΥ
height of frame
ΠΦ = ΠΛΑΤΟΣ ΦΥΛΛΟΥ
length of sash
ΥΦ = ΥΨΟΣ ΦΥΛΛΟΥ
height of sash
ΠΣ = ΠΛΑΤΟΣ ΣΗΤΑΣ
height of sash

ΟΔΗΓΟΣ (rail) 16164
ΦΥΛΛΟ (sashes) 16250, 16252
ΣΗΤΑ (mosquito screen) 7270

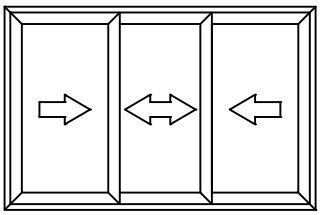
ΠΦ = (ΠΚ + 42,5) / 2
ΥΦ = ΥΚ - 51
ΠΣ = ΠΚ / 2



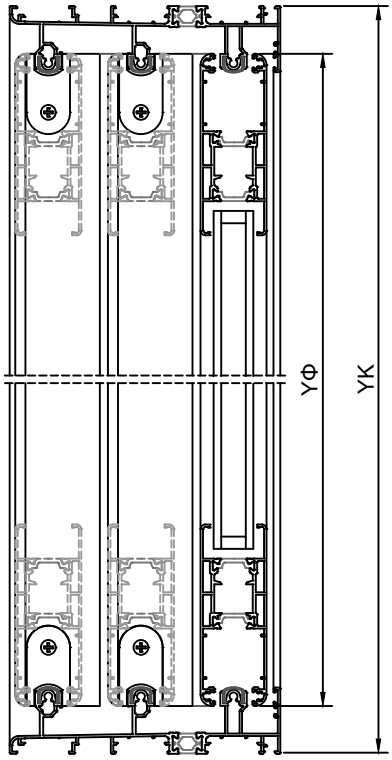


κοπές
cuttings

ΤΡΙΦΥΛΛΟ ΕΠΑΛΛΗΛΟ
triple sash overlapping

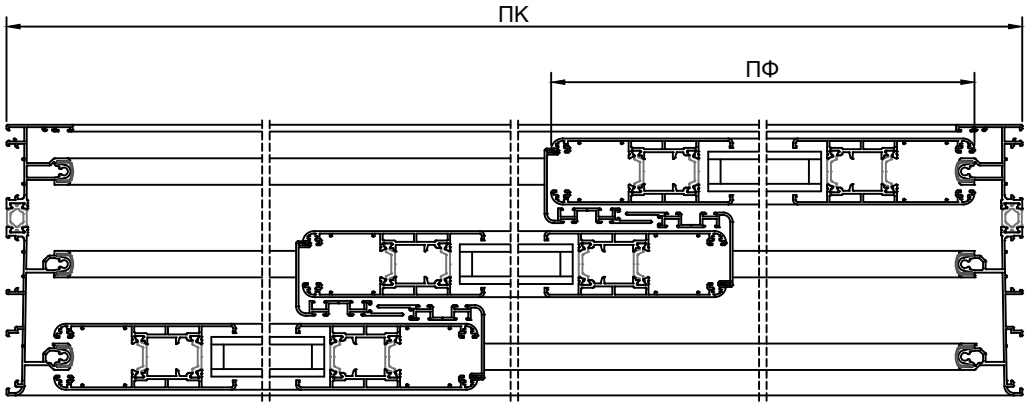


ΠΚ = ΠΛΑΤΟΣ ΟΔΗΓΟΥ
length of frame
ΥΚ = ΥΨΟΣ ΟΔΗΓΟΥ
height of frame
ΠΦ = ΠΛΑΤΟΣ ΦΥΛΛΟΥ
length of sash
ΥΦ = ΥΨΟΣ ΦΥΛΛΟΥ
height of sash



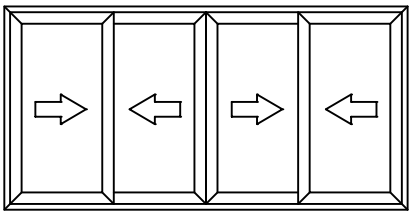
ΟΔΗΓΟΣ (rail) 16162
ΦΥΛΛΟ (sashes) 16250, 16252

ΠΦ = (ΠΚ + 135) / 3
ΥΦ = ΥΚ - 51



κοπές
cuttings

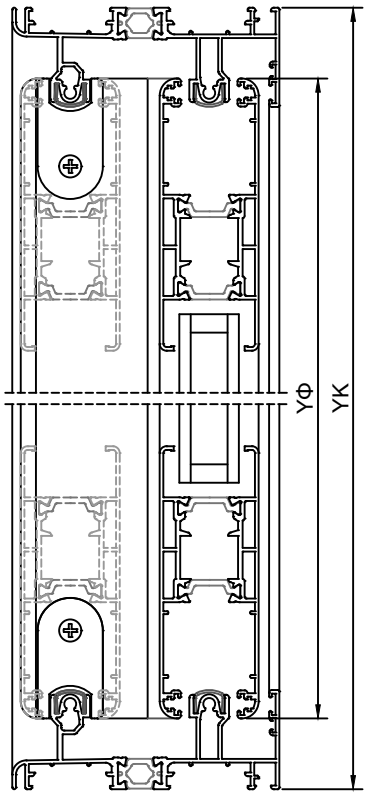
ΤΕΤΡΑΦΥΛΛΟ ΑΝΤΙΚΡΙΣΤΟ
Four sash overlapping



ΠΚ = ΠΛΑΤΟΣ ΟΔΗΓΟΥ
length of frame
ΥΚ = ΥΨΟΣ ΟΔΗΓΟΥ
height of frame
ΠΦ = ΠΛΑΤΟΣ ΦΥΛΛΟΥ
length of sash
ΥΦ = ΥΨΟΣ ΦΥΛΛΟΥ
height of sash
ΥΜ = ΥΨΟΣ ΜΠΙΝΙ
adaptor 16632

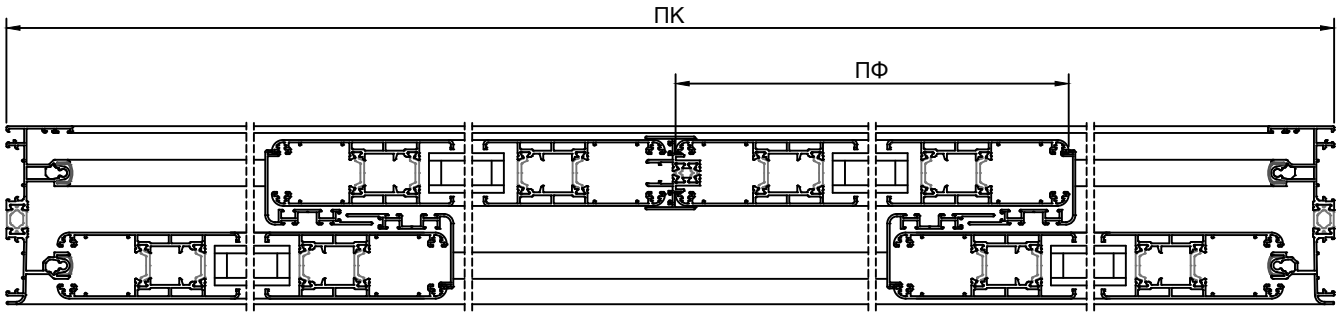
ΟΔΗΓΟΣ (rail) 16160
ΦΥΛΛΟ (sashes) 16250, 16252

ΠΦ = (ΠΚ + 128) / 4
ΥΦ = ΥΚ - 51
ΥΜ = ΥΚ - 89



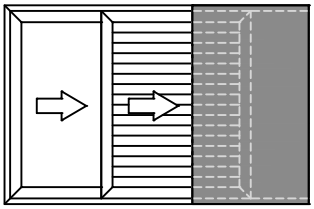
ΟΔΗΓΟΣ (rail) 16160
ΦΥΛΛΟ (sashes) 16255, 16256

ΠΦ = (ΠΚ + 105) / 4
ΥΦ = ΥΚ - 51



κοπές
cuttings

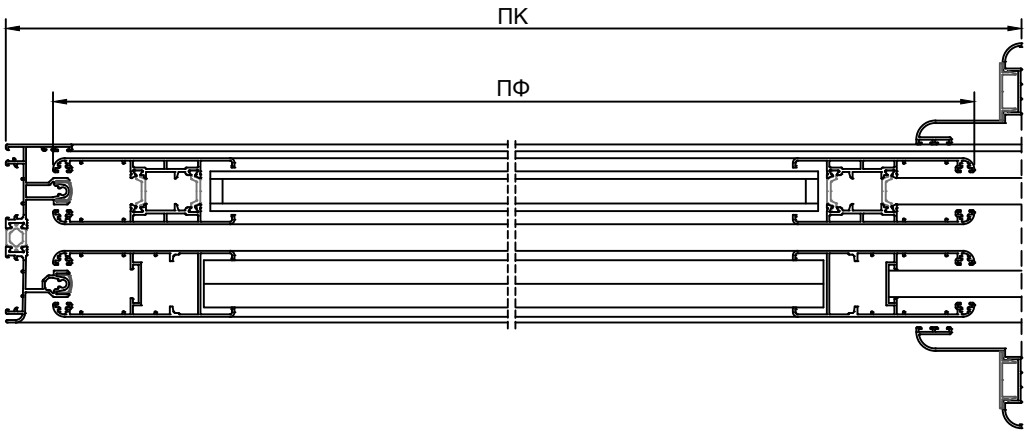
ΤΖΑΜΙ - ΠΑΤΖΟΥΡΙ ΧΩΝΕΥΤΑ
glass - shutter in the wall

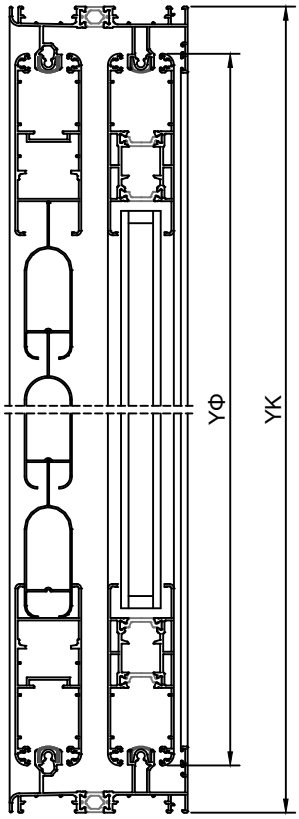


ΠΚ = ΠΛΑΤΟΣ ΟΔΗΓΟΥ
length of frame
ΥΚ = ΥΨΟΣ ΟΔΗΓΟΥ
height of frame
ΠΦ = ΠΛΑΤΟΣ ΦΥΛΛΟΥ
length of sash
ΥΦ = ΥΨΟΣ ΦΥΛΛΟΥ
height of sash

ΟΔΗΓΟΣ (rail) 16160
ΦΥΛΛΟ (sashes) 16250, 16252
ΠΑΤΖΟΥΡΙ (shutter) 7260, 7261

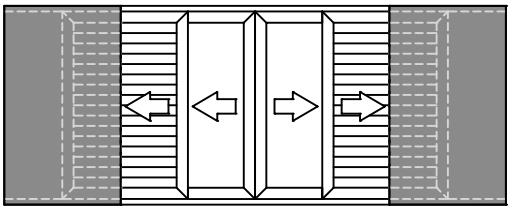
ΠΦ = ΠΚ - 50
ΥΦ = ΥΚ - 51





κοπές
cuttings

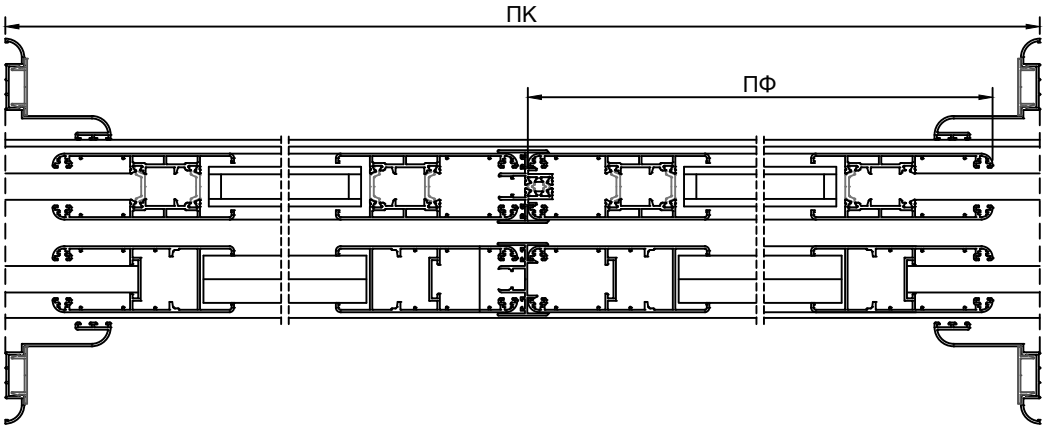
ΤΖΑΜΙ - ΠΑΤΖΟΥΡΙ ΑΝΤΙΚΡΥΣΤΑ ΧΩΝΕΥΤΑ
opposite glass - shutters in the wall

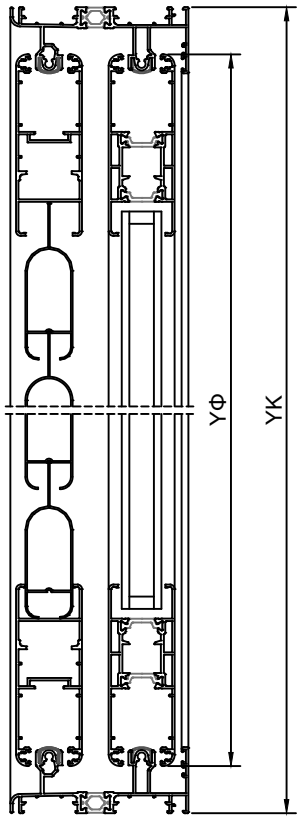


ΠΚ = ΠΛΑΤΟΣ ΟΔΗΓΟΥ
length of frame
ΥΚ = ΥΨΟΣ ΟΔΗΓΟΥ
height of frame
ΠΦ = ΠΛΑΤΟΣ ΦΥΛΛΟΥ
length of sash
ΥΦ = ΥΨΟΣ ΦΥΛΛΟΥ
height of sash
ΥΜ = ΥΨΟΣ ΜΠΙΝΙ
height of adaptor
16632 & 7634

ΟΔΗΓΟΣ (rail) 16160
ΦΥΛΛΟ (sashes) 16250, 16252
ΠΑΤΖΟΥΡΙ (shutter) 7260, 7261

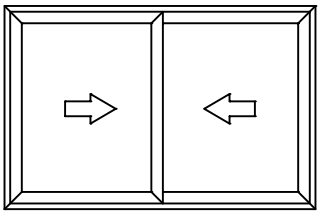
ΠΦ = (ΠΚ - 57) / 2
ΥΦ = ΥΚ - 51
ΥΜ = ΥΚ - 89





κοπές
cuttings

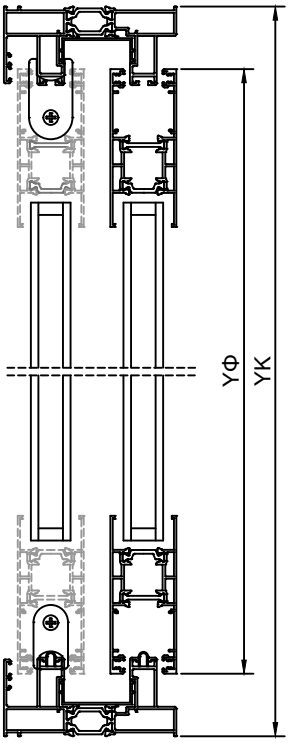
ΔΙΦΥΛΛΟ ΕΠΑΛΛΗΛΟ
Double sash overlapping

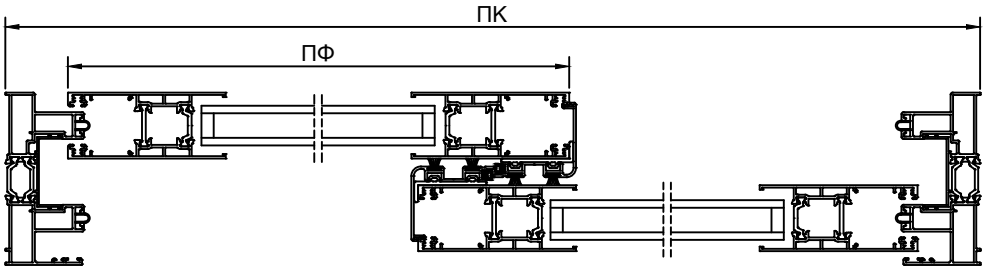


ΠΚ = ΠΛΑΤΟΣ ΟΔΗΓΟΥ
length of frame
ΥΚ = ΥΨΟΣ ΟΔΗΓΟΥ
height of frame
ΠΦ = ΠΛΑΤΟΣ ΦΥΛΛΟΥ
length of sash
ΥΦ = ΥΨΟΣ ΦΥΛΛΟΥ
height of sash

ΟΔΗΓΟΣ (track) 16173
ΦΥΛΛΟ (sashes) 16255, 16256

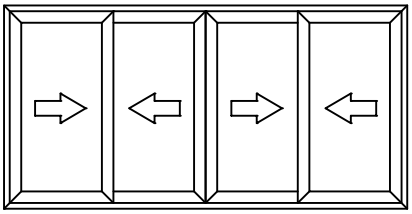
ΠΦ = (ΠΚ + 17) / 2
ΥΦ = ΥΚ - 66





κοπές
cuttings

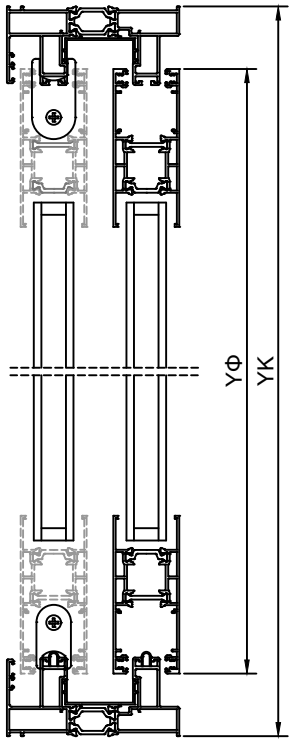
ΤΕΤΡΑΦΥΛΛΟ ΕΠΑΛΛΗΛΟ
Four sash overlapping

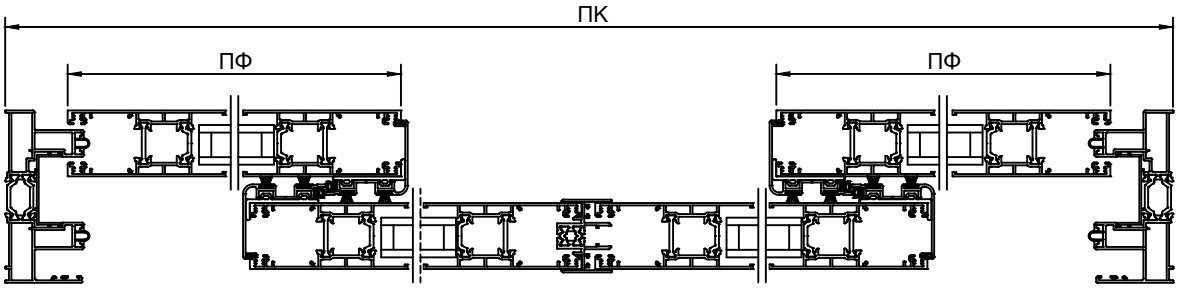


ΠΚ = ΠΛΑΤΟΣ ΟΔΗΓΟΥ
length of frame
ΥΚ = ΥΨΟΣ ΟΔΗΓΟΥ
height of frame
ΠΦ = ΠΛΑΤΟΣ ΦΥΛΛΟΥ
length of sash
ΥΦ = ΥΨΟΣ ΦΥΛΛΟΥ
height of sash
ΥΜ = ΥΨΟΣ ΜΠΙΝΙ
adaptor 16632

ΟΔΗΓΟΣ (track) 16173
ΦΥΛΛΟ (sashes) 16255, 16256

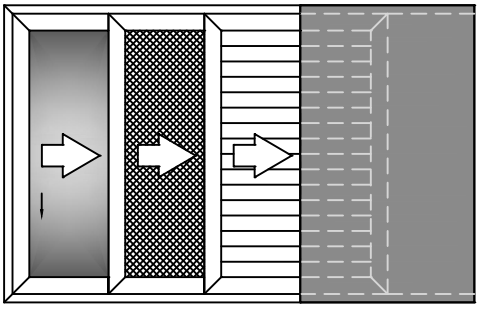
ΠΦ = (ΠΚ + 91) / 4
ΥΦ = ΥΚ - 66





κοπές
cuttings

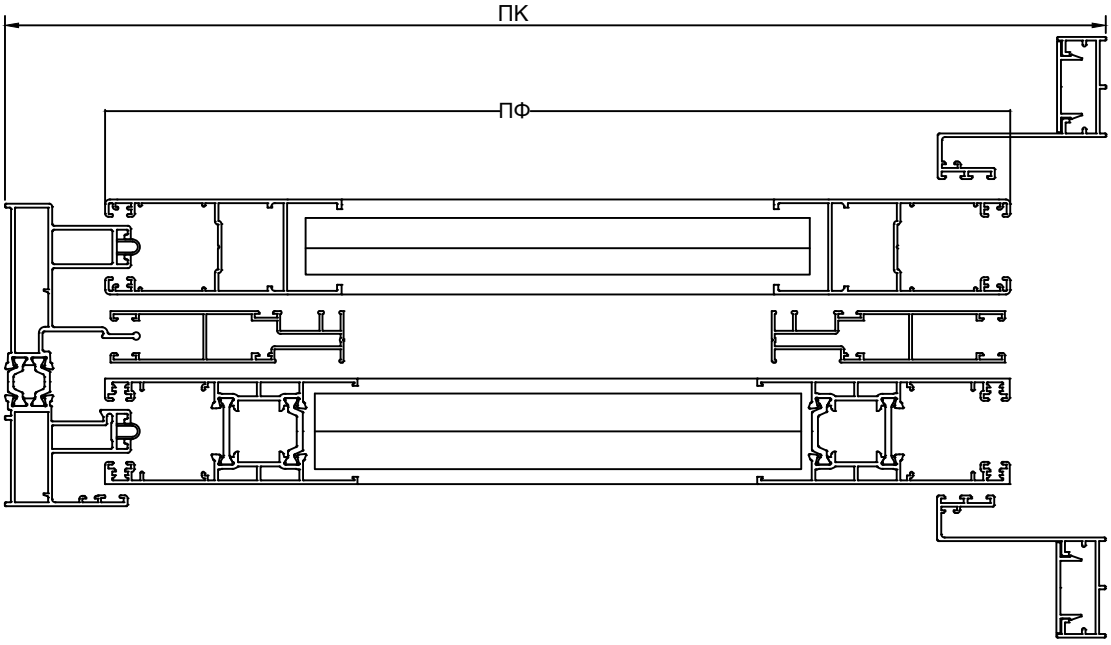
ΤΖΑΜΙ - ΣΗΤΑ-ΠΑΤΖΟΥΡΙ ΧΩΝΕΥΤΑ
glass - screen -shutter in the wall



ΟΔΗΓΟΣ (rail) 16175
ΦΥΛΛΟ (sashes) 16255, 16256
ΠΑΤΖΟΥΡΙ (shutter) 130,132

ΠΦ = ΠΚ - 64
ΥΦ = ΥΚ - 51

ΠΚ = ΠΛΑΤΟΣ ΟΔΗΓΟΥ
length of frame
ΥΚ = ΥΨΟΣ ΟΔΗΓΟΥ
height of frame
ΠΦ = ΠΛΑΤΟΣ ΦΥΛΛΟΥ
length of sash
ΥΦ = ΥΨΟΣ ΦΥΛΛΟΥ
height of sash



METALOUMIN

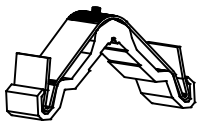
ENERGY 16+Pro

ΕΞΑΡΤΗΜΑΤΑ

ACCESSORIES

εξαρτήματα
accessories

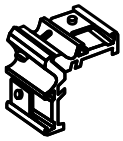
GN 601



ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ
ΓΙΑ ΤΑ ΦΥΛΛΑ
16250, 16252

cast corner
bracket for sash
16250, 16252

GN 2510



ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ
ΑΛΟΥΜΙΝΙΟΥ ΓΙΑ ΤΑ
ΦΥΛΛΑ 7260, 7261

aluminium corner
bracket for sash
7260, 7261

GN 2540

ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ ΑΛΟΥ-
ΜΙΝΙΟΥ ΓΙΑ ΤΟ ΦΥΛΛΟ
ΣΗΤΑΣ 7270

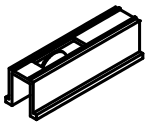
aluminium corner
bracket for insect
screen frame 7270

GN 602

ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ ΑΛΟΥΜ.
ΓΙΑ ΟΔΗΓΟΥΣ 16160,
16162, 16164, 16166

aluminium corner bracket
for rails 16160, 16162
16164, 16166

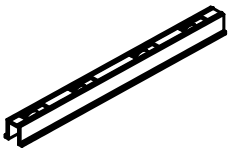
AC 420



ΜΟΝΟ ΡΑΟΥΛΟ
ΓΙΑ ΟΛΑ ΤΑ ΦΥΛΛΑ
ΕΚΤΟΣ ΤΩΝ 16255/16256

single aluminium roller
for all sashes
excluding 16255/16256

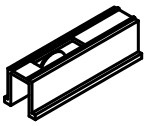
AC 422



ΤΕΤΡΑΠΛΟ ΡΑΟΥΛΟ
ΓΙΑ ΟΛΑ ΤΑ ΦΥΛΛΑ
ΕΚΤΟΣ ΤΩΝ 16255/16256

quadruple aluminium
roller for all sashes
excluding 16255/16256

AC 110



ΜΟΝΟ ΡΑΟΥΛΟ
ΓΙΑ ΤΑ ΦΥΛΛΑ
16255/16256

single aluminium roller
for sashes
16255/16256

GN 210

ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ ΧΥΤΗ
ΓΙΑ ΤΑ ΦΥΛΛΑ
7260, 7261

cast corner
bracket for sash
7260, 7261

GN 410

ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ ΧΥΤΗ
ΓΙΑ ΤΟ ΦΥΛΛΟ ΣΗΤΑΣ
7270

cast corner bracket
for insect screen
frame 7270

GN 213

ΑΝΟΞΕΙΔΩΤΗ ΓΩΝΙΑ
ΕΠΙΠΕΔΟΤΗΤΑΣ

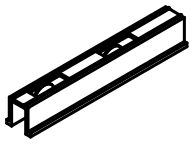
alignment corner

GN 612

ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ
ΑΛΟΥΜΙΝΙΟΥ ΓΙΑ
ΟΔΗΓΟΥΣ 16168, 16169

aluminium corner
bracket for rails
16168, 16169

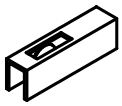
AC 421



ΔΙΠΛΟ ΡΑΟΥΛΟ
ΓΙΑ ΟΛΑ ΤΑ ΦΥΛΛΑ
ΕΚΤΟΣ ΤΩΝ 16255/16256

double aluminium roller
for all sashes
excluding 16255/16256

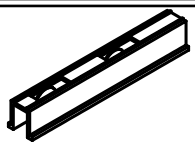
AC 423



ΜΟΝΟ ΡΑΟΥΛΟ
ΑΛΟΥΜΙΝΙΟΥ
ΣΗΤΑΣ 7270

aluminium single
roller for insect
screen frame 7270

AC 120

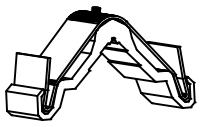


ΔΙΠΛΟ ΡΑΟΥΛΟ
ΓΙΑ ΤΑ ΦΥΛΛΑ
16255/16256

double aluminium roller
for sashes
16255/16256

εξαρτήματα
accessories

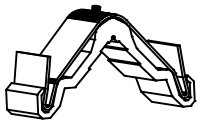
GN 608



ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ
ΓΙΑ ΤΑ ΦΥΛΛΑ
16255,16256

cast corner
bracket for sash
16255,16256

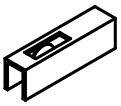
GN 611



ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ
ΣΗΤΑΣ 16271

Cast corner
for 16271

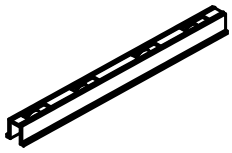
AC 431



ΜΟΝΟ ΡΑΟΥΛΟ
ΑΛΟΥΜΙΝΙΟΥ
ΣΗΤΑΣ 16276

aluminium single
roller for insect
screen frame 16276

AC 140



ΤΕΤΡΑΠΛΟ ΡΑΟΥΛΟ
ΓΙΑ ΤΑ ΦΥΛΛΑ
16255/16256

quadruple aluminium
roller for sashes
16255/16256

SL 84

ΣΤΟΠΕΡ ΑΝΤΙΚΡΥΣΤΩΝ
ΦΥΛΛΩΝ (ΦΙΛΗΤΑ)
ΓΙΑ ΟΔΗΓΟ 16168

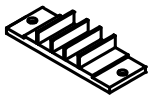
stopper for opposite
sashes (rail 16168)

SL 83

ΣΤΟΠΕΡ ΑΝΤΙΚΡΥΣΤΩΝ
ΦΥΛΛΩΝ (ΦΙΛΗΤΑ)
ΓΙΑ ΟΔΗΓΟΥΣ 16165-16166

stopper for opposite
sashes (16165-16166)

PL 623



ΤΑΚΟΣ ΣΤΕΓΑΝΩΣΗΣ
ΕΠΑΛΛΗΛΟΥ

head & sill weather
seal

SL 81

ΣΤΟΠΕΡ ΑΝΤΙΚΡΥΣΤΩΝ
ΦΥΛΛΩΝ (ΦΙΛΗΤΑ)
ΓΙΑ ΟΔΗΓΟ 16160

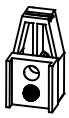
stopper for opposite
sashes (rail 16160)

SL 85

ΣΤΟΠΕΡ ΑΝΤΙΚΡΥΣΤΩΝ
ΦΥΛΛΩΝ (ΦΙΛΗΤΑ)
ΓΙΑ ΟΔΗΓΟ 16165

stopper for opposite
sashes (rail 16165)

PL 430



ΑΜΟΡΤΙΣΕΡ ΦΥΛΛΟΥ

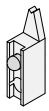
plastic buffer for sash

PL 110

ΑΜΟΡΤΙΣΕΡ
ΦΥΛΛΟΥ 130 / 16255

amortiseur for
130 /16255

PL 435



ΑΜΟΡΤΙΣΕΡ
ΣΗΤΑΣ 16276

amortiseur for
16276

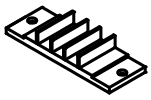
PL 436

ΠΛΑΣΤΙΚΗ ΤΑΠΑ ΜΠΙΝΙΟΥ
ΑΝΤΙΚΡΥΣΤΩΝ ΦΥΛΛΩΝ
ΣΗΤΑΣ 16276

top & bottom plastic
plug for adaptor

PL 622

Pro

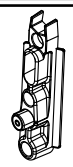


ΤΑΚΟΣ ΣΤΕΓΑΝΩΣΗΣ
ΕΠΑΛΛΗΛΟΥ 16173

head & sill weather
seal 16173

εξαρτήματα
accessories

PL 626



ΑΜΟΡΤΙΣΕΡ ΦΥΛΛΟΥ ΡΥΘΜΙΖΟΜΕΝΟ

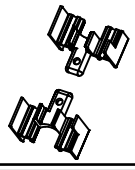
adjustable plastic buffer for sash (set)

PL 140

ΠΛΑΣΤΙΚΗ ΤΑΠΑ ΓΑΝΤΖΟΥ

top & bottom plastic plug for hook profile

PL 624



ΠΛΑΣΤΙΚΗ ΤΑΠΑ ΜΠΙΝΙΟΥ ΑΝΤΙΚΡΥΣΤΩΝ ΦΥΛΛΩΝ (ΣΕΤ)

top & bottom plastic plug for adaptor

PL 625

ΜΟΝΩΤΙΚΗ ΠΡΟΣΘΗΚΗ ΟΔΗΓΩΝ 16160, 16162, 16164 & Pro 16173 -16174)

Inner rail insulating profile for rails 16160, 16162, 16164

PL 627

ΜΟΝΩΤΙΚΗ ΠΡΟΣΘΗΚΗ ΟΔΗΓΩΝ 16166

Inner rail insulating profile for rail 16166

LA 611

ΛΑΣΤΙΜΟ ΜΟΝΩΣΗΣ ΟΔΗΓΩΝ 16160, 16162 16164, 16166, 16169

Outer frame insulating gasket for rails 16160 16162, 16164, 16166 16169

LA 701 LA 702

ΜΑΥΡΟ	ΛΕΥΚΟ
black	white

ΛΑΣΤΙΧΟ ΣΗΤΑΣ

rubber rod for screen mesh

ΑΜΟΡΤΙΣΕΡ ΣΗΤΑΣ ΦΥΛΛΟΥ 7270

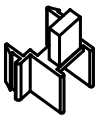
plastic buffer for insect screen frame 7270

PL 431

ΠΛΑΣΤΙΚΗ ΤΑΠΑ ΜΠΙΝΙΟΥ ΑΝΤΙΚΡΥΣΤΩΝ ΦΥΛΛΩΝ ΣΗΤΑΣ

top & bottom plastic plug for adaptor insect screen frame

PL 434



ΑΝΟΞΕΙΔΩΤΟ ΛΑΜΑΚΙ ΟΔΗΓΩΝ

inox cap for rails

PL 627

ΑΝΟΞΕΙΔΩΤΟ ΛΑΜΑΚΙ ΟΔΗΓΩΝ 16Pro

inox cap for rails

LA 612

ΛΑΣΤΙΧΟ ΜΟΝΩΣΗΣ ΓΑΝΤΖΟΥ

Hook's insulating profile

LA 613

ΛΑΣΤΙΜΟ ΜΟΝΩΣΗΣ ΟΔΗΓΩΝ 16168, & 16169 ΕΞΩΤΕΡΙΚΑ

Outer frame insulating gasket for rails 16168 & 16169 out side

LA 201

ΦΟΥΣΚΑΚΙ

rubber seal

εξαρτήματα
accessories

VR 411 VR 412

No 6 | No 7

ΒΟΥΡΤΣΑΚΙ ΣΤΕΓΑΝΟΠ.
ΧΩΡΙΣ ΜΕΜΒΡΑΝΗ

weatherstripping brush
without membrane

VR 610

ΒΟΥΡΤΣΑΚΙ ΣΤΕΓΑΝΟΠ.
ΜΕ ΜΕΜΒΡΑΝΗ No 6

weatherstripping brush
with membrane, No 6

PL 632

Pro

ΠΛΑΣΤΙΚΟ ΚΑΝΑΛΙ
ΟΔΗΓΩΝ Pro 16172 -16175

Inner rail insulating profile

LA 452

Pro

ΕΡΔΜ ΟΔΗΓΩΝ

EPDM CAP

PL 631

ΠΛΑΣΤΙΚΟ ΚΑΝΑΛΙ
ΟΔΗΓΟΥ 16170

Inner rail insulating
16170 profile

GN 618

Pro

ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ
ΓΙΑ ΟΔΗΓΟΥΣ Pro
16172-16173-16174-16175

corner cleat bracket for
16172-16173-16174-16175

GN 615

Pro

ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ
ΓΙΑ ΟΔΗΓΟΥΣ Pro 16171
16172-16173-16174-16175

corner cleat bracket for
16172-16173-16174-16175
16171

VR 442

ΒΟΥΡΤΣΑΚΙ ΣΤΕΓΑΝΟΠ.
ΧΩΡΙΣ ΜΕΜΒΡΑΝΗ No8

weatherstripping brush
without membrane, No8

VR 611

ΒΟΥΡΤΣΑΚΙ ΣΤΕΓΑΝΟΠ.
ΜΕ ΜΕΜΒΡΑΝΗ **No 7**

weatherstripping brush
with membrane, No 7

GN 365s

Pro

ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ
ΓΙΑ ΟΔΗΓΟΥΣ Pro
16172-16173-16174-16175

corner cleat bracket for
16172-16173-16174-16175

GN 404

Pro

ΓΩΝΙΑ ΣΥΝΔΕΣΗΣ
ΓΙΑ ΟΔΗΓΟΥΣ Pro 16171
16172-16173-16174-16175

corner cleat bracket for
16172-16173-16174-16175
16171

AC 425

Pro

ΜΟΝΟ ΡΑΟΥΛΟ
ENERGY 16 Pro

aluminium single
roller

AC 426

Pro

ΔΙΠΛΟ ΡΑΟΥΛΟ
ENERGY 16 Pro

aluminium double
roller for energy 16 Pro

AC 428

Pro

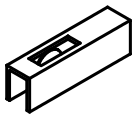
ΤΕΤΡΑΠΛΟ ΡΑΟΥΛΟ
ENERGY 16 Pro

aluminium Quad
roller

εξαρτήματα
accessories

AC 427

Pro

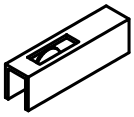


ΜΟΝΟ ΡΑΟΥΛΟ ΣΗΤΑΣ 7270 ΓΙΑ ENERGY 16 Pro

aluminium single roller for insect screen frame 7270 energy Pro

AC 430

Pro

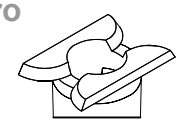


ΜΟΝΟ ΡΑΟΥΛΟ ΣΗΤΑΣ 16278 ENERGY 16 Pro

aluminium single roller for 16278 Energy Pro

PL SV9

Pro

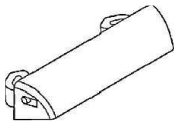


ΜΠΙΛΙΑ ΑΠΟΡΡΟΗΣ

Air pressure valve

PL SVE16

Pro

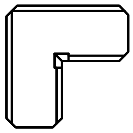


ΤΑΠΑ ΝΕΡΟΧΥΤΗ ΜΕ ΚΛΑΠΕΤΟ

Drainage Flap Cap

PL 025

Pro

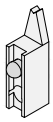


ΓΩΝΙΑ ΕΥΘΥΓΡΑΜΜΙΣΗΣ PVC

Pvc alignment corner

PL 440

Pro

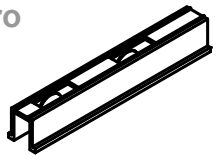


ΑΜΟΡΤΙΣΕΡ ΣΗΤΑΣ 16278

amortiseur for 16278

AC 429

Pro

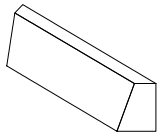


ΔΙΠΛΟ ΡΑΟΥΛΟ ENERGY 16 Pro ΦΥΛΛΑ 130-132

aluminium double roller for energy 16 Pro 130-132

PL 222

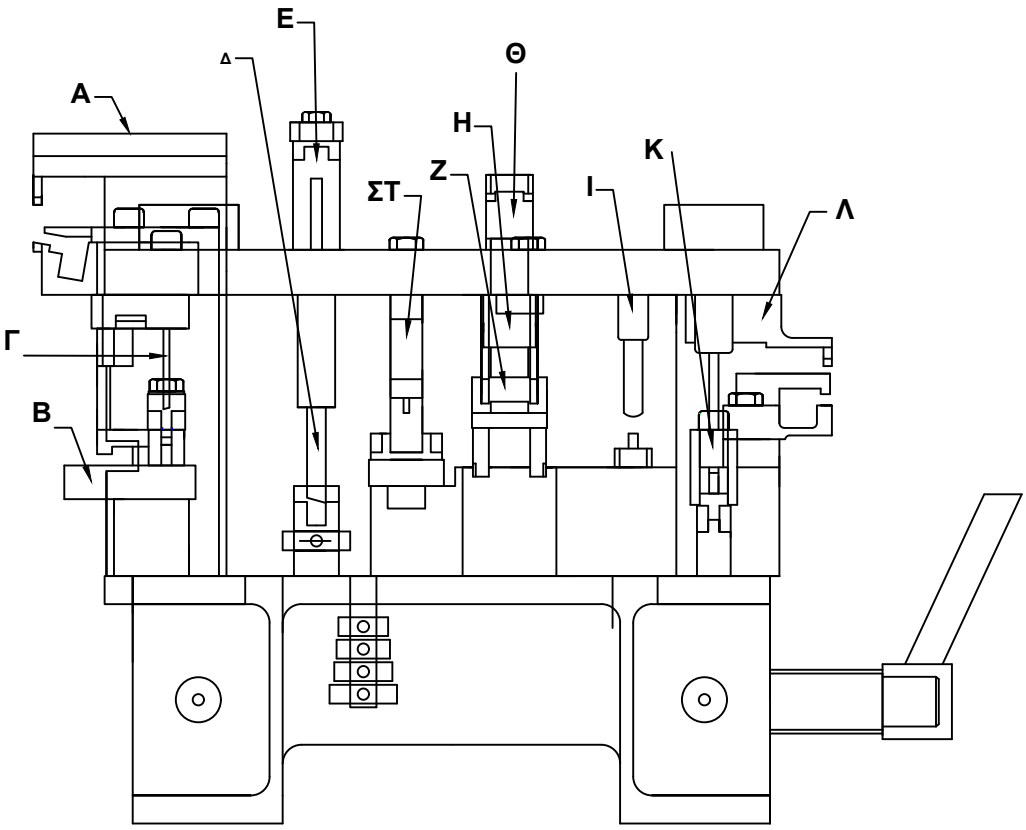
Pro



ΤΑΠΑ ΝΕΡΟΧΥΤΗ

Drainage Cap

Πρέσσα
Puncing Press



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