

**LA SOCIETA'**

Ralox è presente sul mercato degli estrusi di alluminio per edilizia e industria, sia con propri sistemi brevettati per serramenti, facciate continue, ringhiere etc., sia con profili standard e a disegno del cliente, dal 1993.

**I SISTEMI RALOX PER L'EDILIZIA**

I sistemi Ralox, per qualità di progetto e produzione, facile reperibilità di accessori, semplicità di lavorazione, sono in grado di soddisfare il serramentista più esigente. L'assistenza tecnica nella realizzazione dei manufatti, i suggerimenti e le raccomandazioni relative alle guarnizioni ed alle vetrazioni, rendono l'esecuzione, anche di complesse opere, semplice e funzionale.

**IL SISTEMA MEDITERRANEA RG 35/42**

**Mediterranea RG 35/42** è un sistema a battente a camera europea, atto a realizzare serramenti di elevate prestazioni meccaniche, con un basso peso a mq. un ridotto numero di lavorazioni e facilità di assemblaggio.

Il telaio fisso è da 35 mm, l'anta mobile è da 42 mm con soluzioni a spigoli vivi e arrotondati con sormonto da 6,5 mm.

La distanza tra anta e telaio per l'inserimento degli accessori è a dimensione standard secondo camera europea e va da 14 a 18 mm.

Il sistema di tenuta è del tipo a precamera con guarnizione centrale morbida sul telaio.

La superficie della camera è di circa 150 mm<sup>2</sup>.

Il sistema prevede l'inserimento di vetri, vetri-camera o pannelli con spessori da 4 mm a 18 mm

Le guarnizioni sono di tipo commerciale ad eccezione di quella a pinna centrale, del tappo del profilo di riporto e della molla fermavetro arrotondato, che potranno essere ordinate direttamente alla RALOX.

Progettato con camera europea il sistema consente di utilizzare accessori comunemente presenti sul mercato

**Caratteristiche della lega**

Lega		6060 UNI 9006/1			
Composizione Chimica		Mg 0,5 - Si 0,4 - Fe 0,2			
Stato		0	T1	T5	T6
Caratteristiche meccaniche	Carico di rottura a trazione Rm N/mm <sup>2</sup>	140 Max	120	185	205
	Carico al limite di snervamento Rp N/mm <sup>2</sup>	80 Max	50	145	165
	Allungamento A %	20	16	11	0
Caratteristiche fisiche	Peso specifico Kg/dm <sup>3</sup>	2,70			
	Conduktività termica a 20°C W (cm*K)	2,09 / 1,75			
	Resistività elettrica a 20°C	3,14 / 3,25			
	Coefficiente di dilatazione term. lineare da 20° a 200°C	24*10 <sup>-6</sup> *K <sup>-1</sup>			

Finestre a battente - Persiane fisse ed orientabili  
Ante ad apertura esterne

## THE COMPANY

Ralox is a producer of aluminium-extruded products for the building, industry of standards or customer-designed type, since 1993.

It designs and produces patented systems for frames, curtain walls, railings etc

## RALOX BUILDING SYSTEMS

Ralox building systems, due to quality of design, production and checking, with the easy finding of accessories and weather-strips, are able in satisfying ever customer. Ralox supplies all the technical information and specifications for the execution of the work and for the chooses of the glasses, accessories and weather-strips, to make the customer able to create every work in compliance with the prescriptions and with the best performances.

## MEDITERRANEA RG 35/42 SYSTEM

**Mediterranea RG 35/42** is a wing window system, with European camera, for the production of windows and doors, with high mechanical characteristics, low weight, low construction time and very easy assembly work.

The size of fixed frame is 35 mm, the moving door measures 42 mm, and available versions include sharps and rounded corners. The size of overlapping area is 6,5 mm. The distance between door and frame to insert accessories is according to European standards 14 - 18 mm.

The seal (with pre-air space) is creating by placing a flexible weather-strip on fixed frame.

The pre-air space is about 150 mm<sup>2</sup>.

The system includes the installation of all the type of glasses and double-glazing between 4 and 18 mm and panels up to 35 mm.

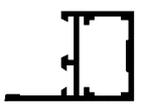
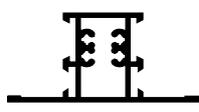
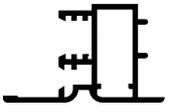
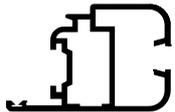
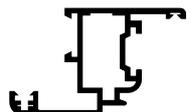
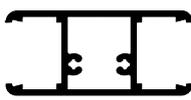
The weather-strips are those normally used for all other systems.

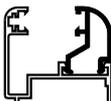
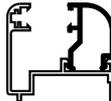
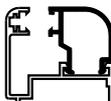
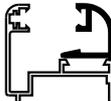
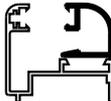
The frame weather central basket, the central plugs and springs for rounded glass beading coupling can be asked directly to RALOX.

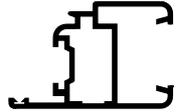
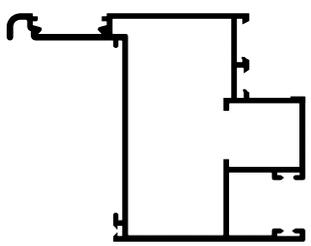
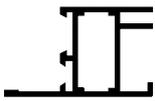
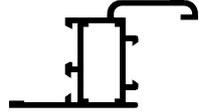
The system is deigned with European standard in order to have the capability in using the most common accessories.

## Alloy specifications

Alloy		6060 UNI 9006/1			
Normal chemical composition %		Mg 0,5 - Si 0,4 - Fe 0,2			
State		0	T1	T5	T6
Mechanical characteristics	Ultimate tensile stress Rm N/mm <sup>2</sup>	140 Max	120	185	205
	Yield point Rp 0,2 N/mm <sup>2</sup>	80 Max	50	145	165
	Elongation %	20	16	11	0
Physical characteristics	Specific weight Kg/dm <sup>3</sup>	2,70			
	Heat conductivity at 20°C W (cm*K)	2,09 / 1,75			
	Electric conductivity at 20°C	3,14 / 3,25			
	Linear termal expansion coefficient from 20°a 200°C	24*10 <sup>-6</sup> *K <sup>-1</sup>			

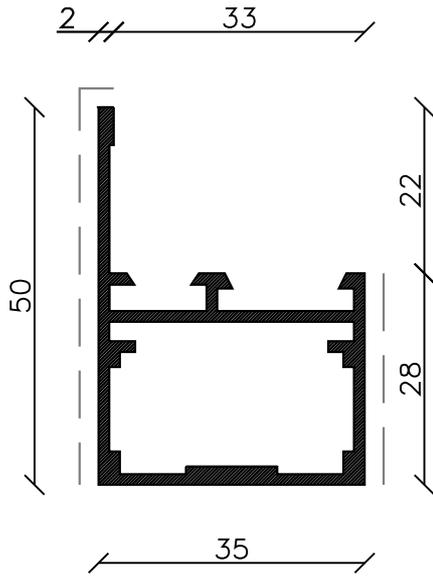
CODICE	SEZIONE	PESO gr/ml	DESCRIZIONE
R 4139		695	TELAIO "L" NORMALE
R 4140		780	TELAIO ZETA CON BATTUTA DA 20 mm
R 4141		975	TRAVERSO PER TELAI FISSI E MOBILI
R 4142		810	INVERSIONE DI BATTUTA
R 4143		981	ANTA CON VETRO AD INFILARE VANO DA 10 mm
R 4144		915	ANTA NORMALE CON FERMAVETRO
R 4145		1601	ZOCCOLO PER ANTA CON FERMAVETRO E TELAI FISSO DA 140 mm
R 4146		1465	FASCIONE PER ANTA CON FERMAVETRO E TELAI FISSO DA 140 mm
R 4189		914	ANTA CON VETRO AD INFILARE VANO DA 25 mm
R 3812		1190	TRAVERSO PER ANTA AD INFILARE

CODICE	SEZIONE	PESO gr/ml	DESCRIZIONE
R 3830		1849	FASCIONE DA 145 AD INFILARE
R 3669		302	RIDUTTORE PER ANTA AD INFILARE DA 10 mm
R 3823		251	FERMAVETRO TESTA DA 10 mm VUOTO DA 23 mm
R 3824		249	FERMAVETRO TESTA DA 18.5 mm VUOTO DA 14 mm
R 3863		245	FERMAVETRO ARR. DA 14 mm VUOTO DA 19 mm
R 3868		275	FERMAVETRO ARR. DA 18,5 mm VUOTO DA 14,5 mm
R 3864		282	FERMAVETRO ARR. DA 25 mm VUOTO DA 8 mm
R 4546		215	FERMAVETRO ARR. DA 14 mm VUOTO DA 19 mm CON MOLLETTA
R 4547		230	FERMAVETRO ARR. DA 18,5 mm VUOTO DA 14,5 mm CON MOLLETTA
R 4548		240	FERMAVETRO ARR. DA 25 mm VUOTO DA 8 mm CON MOLLETTA

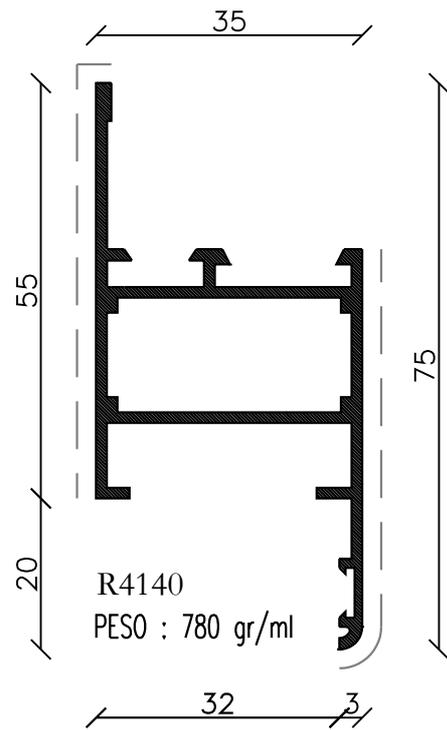
CODICE	SEZIONE	PESO gr/ml	DESCRIZIONE
R 4268		992	ANTA CON V.I. VANO DA 10 mm PER FASCIONE E TRAVERSO AD INF.
R 4269		922	ANTA CON V.I. VANO DA 25 mm PER FASCIONE E TRAVERSO AD INF.
R 4313		2018	SPALLA PER MONOBLOCCO
R 3805		110	COPRIVITI
R 4341		760	TALAILO AD ELLE MAGGIORATO
R 4342		966	INVERSIONE DI BATTUTA ARROTONDATO
R 3806		132	ASTA COMANDO CATENACCIO
R 4617		1002	ANTA PERSIANA / VETROINFILO
R 4618		840	TELAIO Z SORMONTO



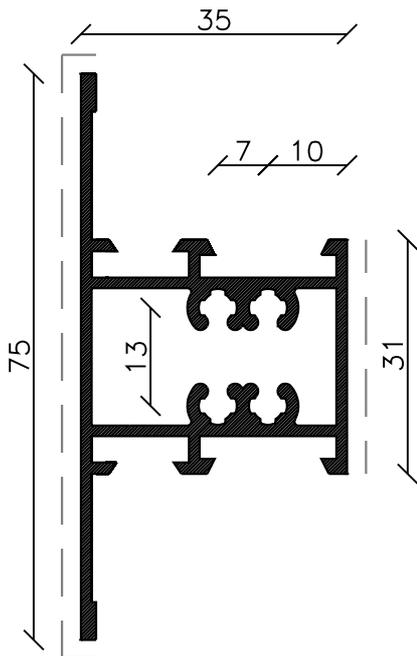
PROFILI



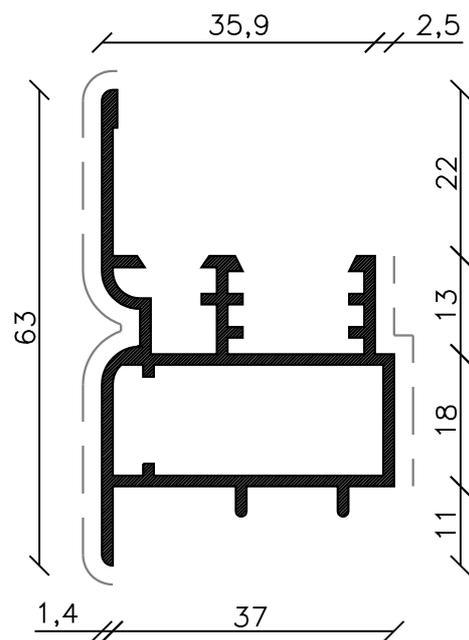
R4139  
PESO : 695 gr/ml



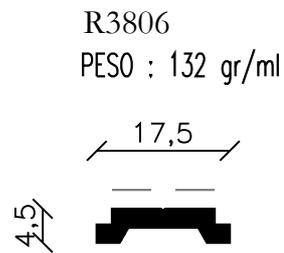
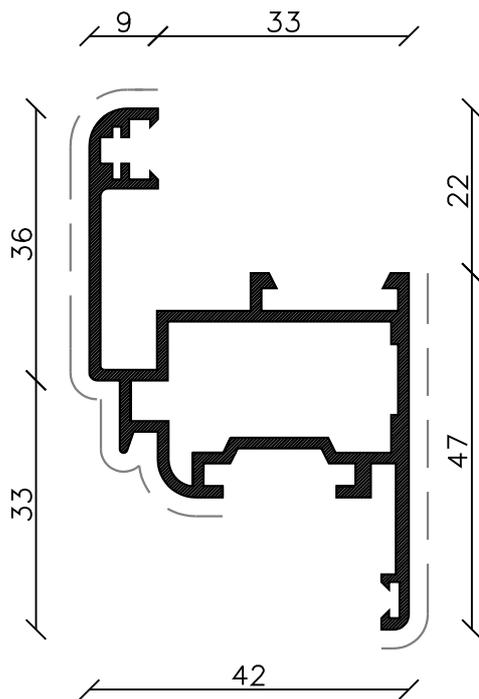
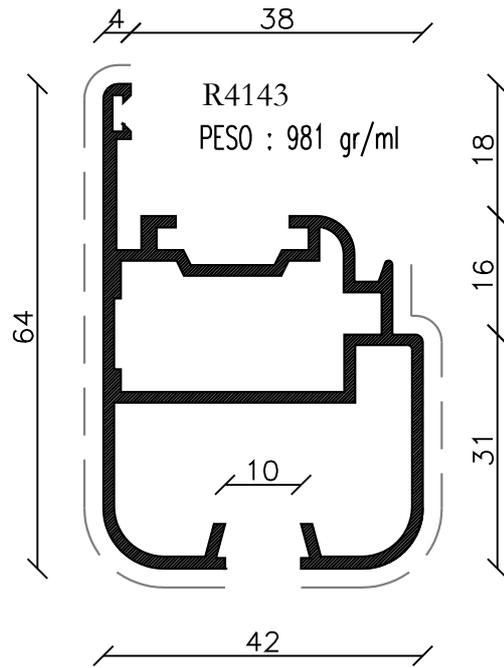
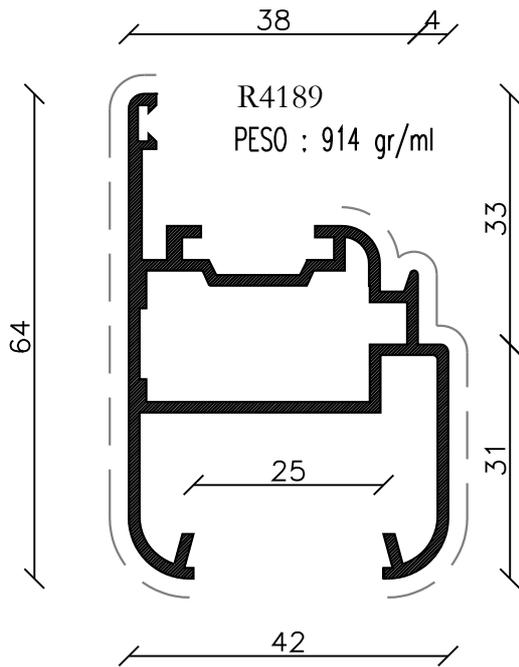
R4140  
PESO : 780 gr/ml



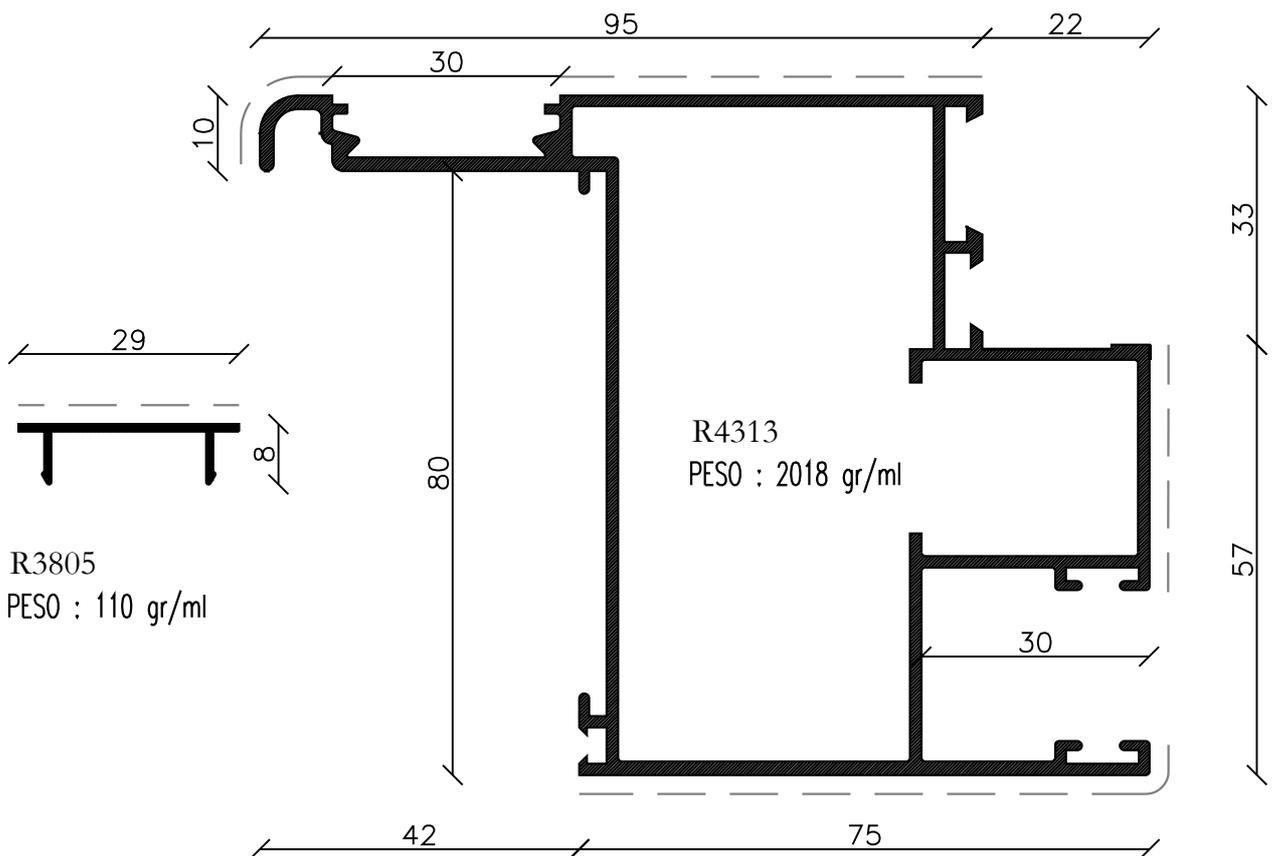
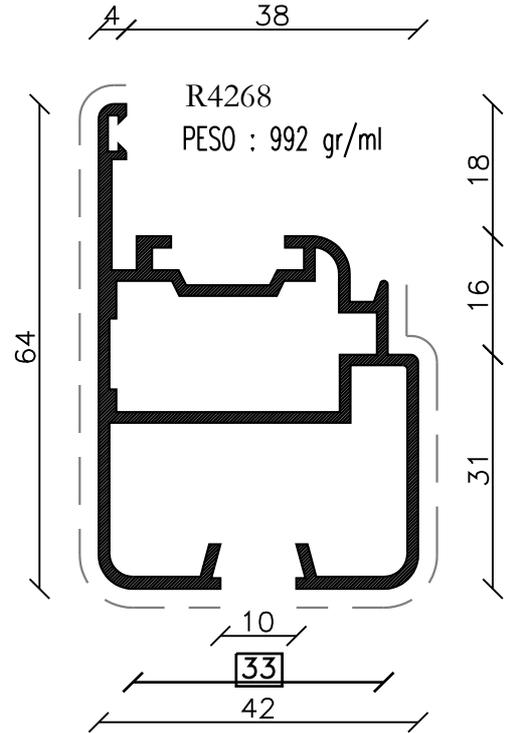
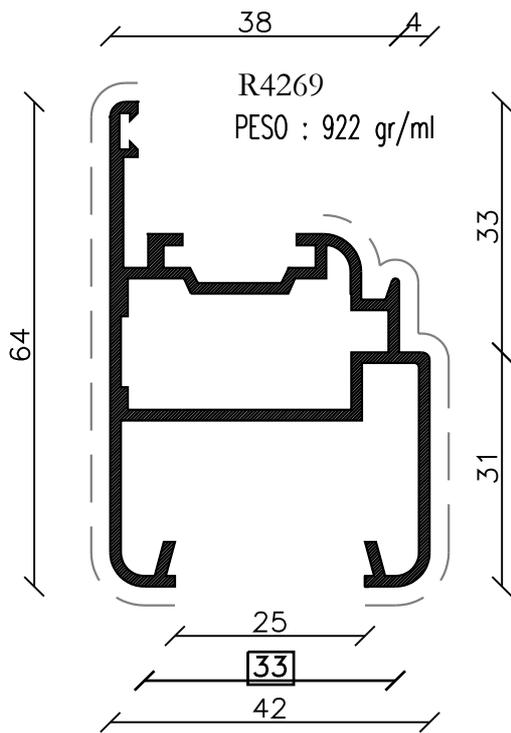
R4141  
PESO : 975 gr/ml



R4142  
PESO : 810 gr/ml

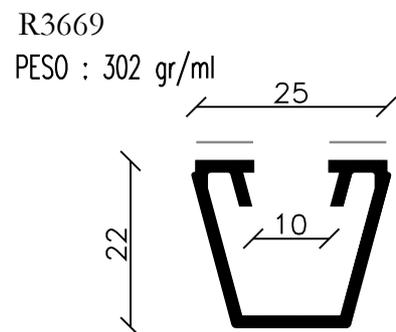
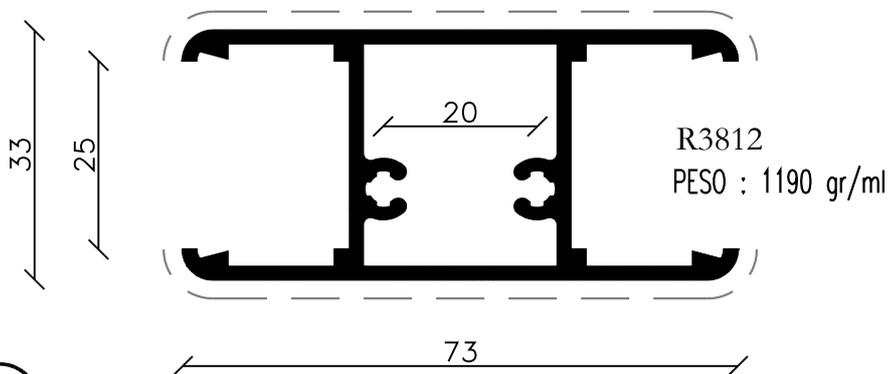
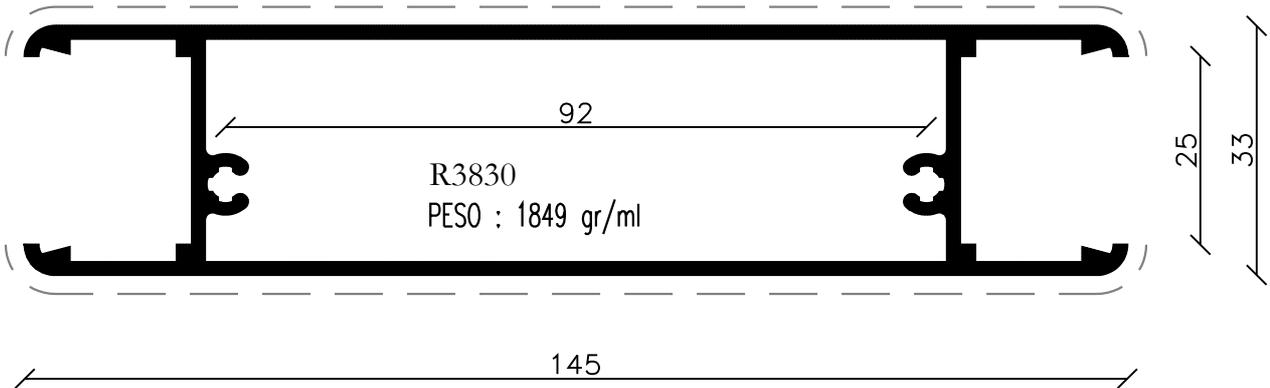
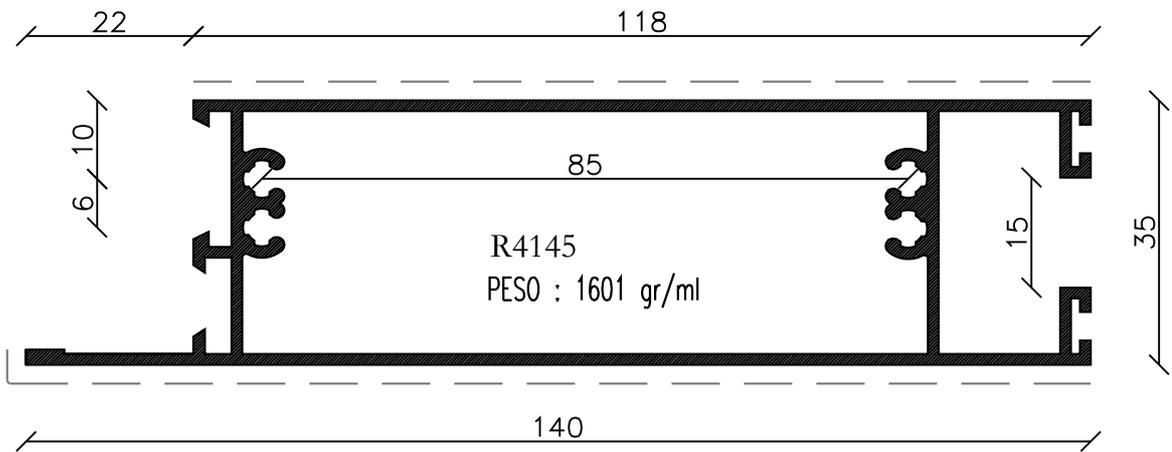
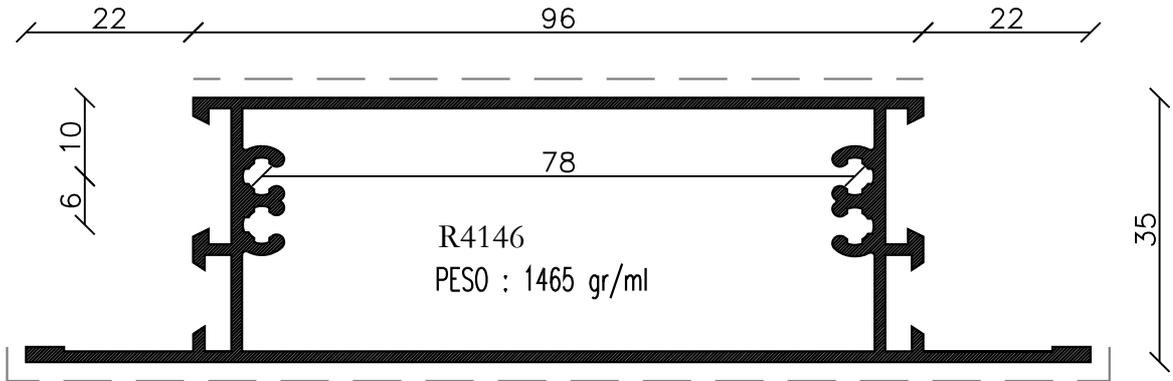
**PROFILI**


PROFILI

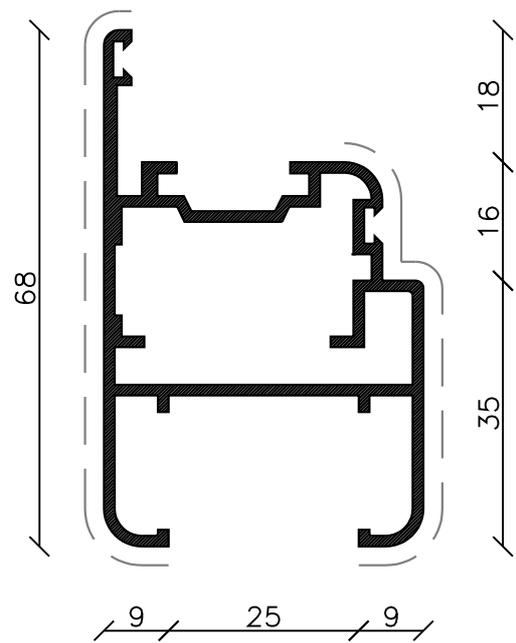
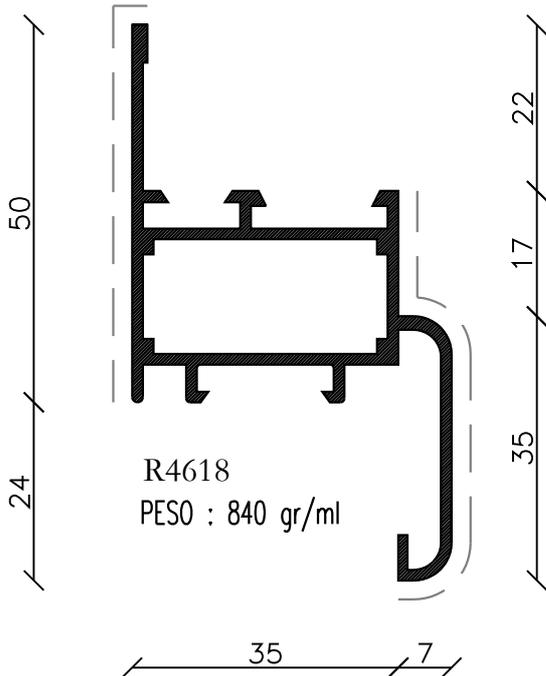
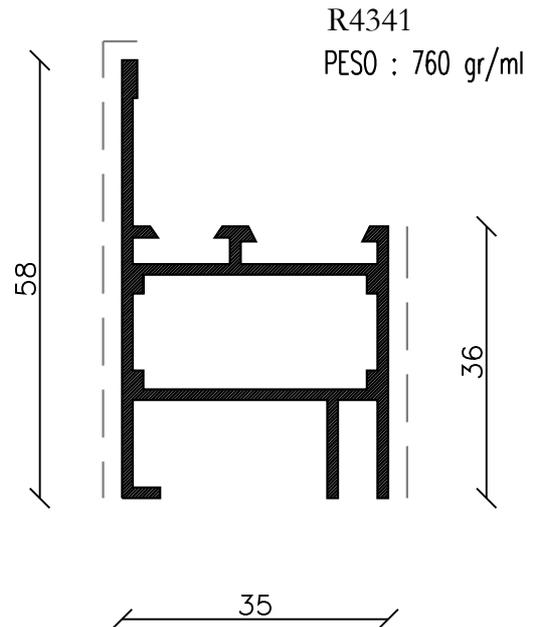
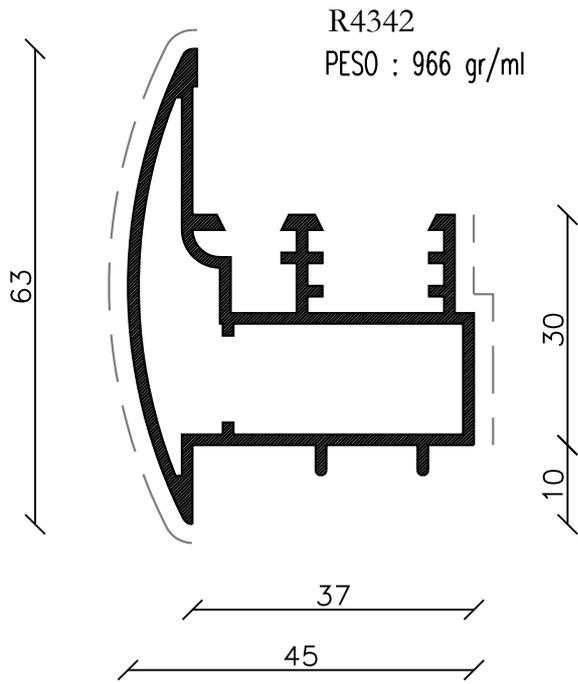


R3805  
PESO : 110 gr/ml

PROFILI



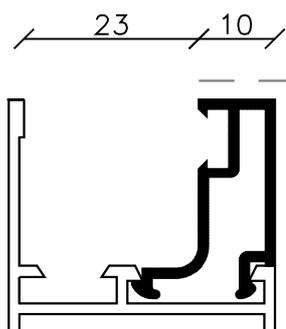
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PROFILI

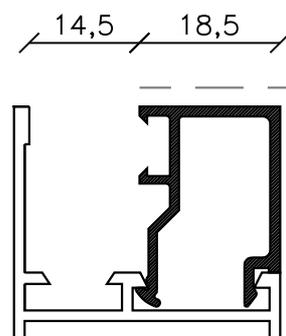
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PESO : 251 gr/ml



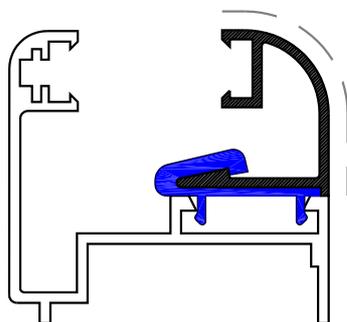
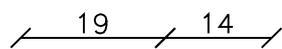
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PESO : 249 gr/ml



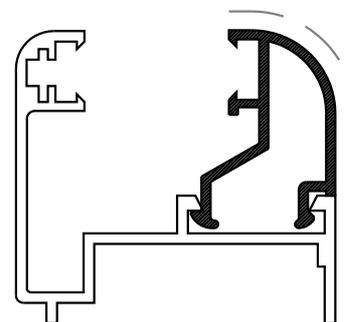
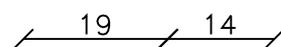
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PESO : 215 gr/ml



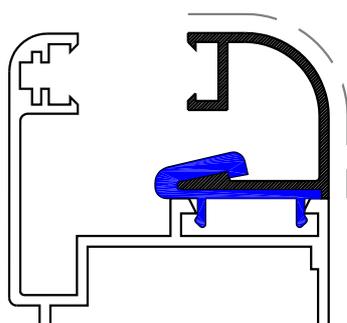
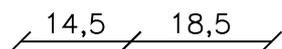
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PESO : 245 gr/ml



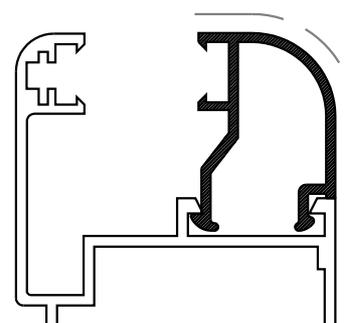
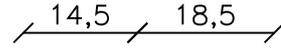
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PESO : 230 gr/ml



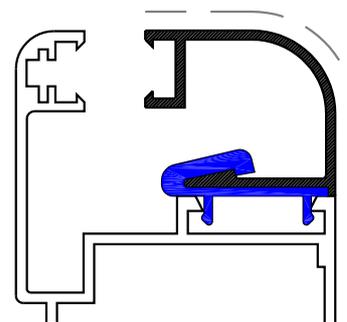
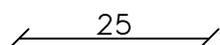
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PESO : 275 gr/ml



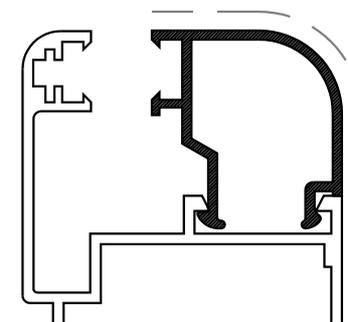
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PESO : 240 gr/ml

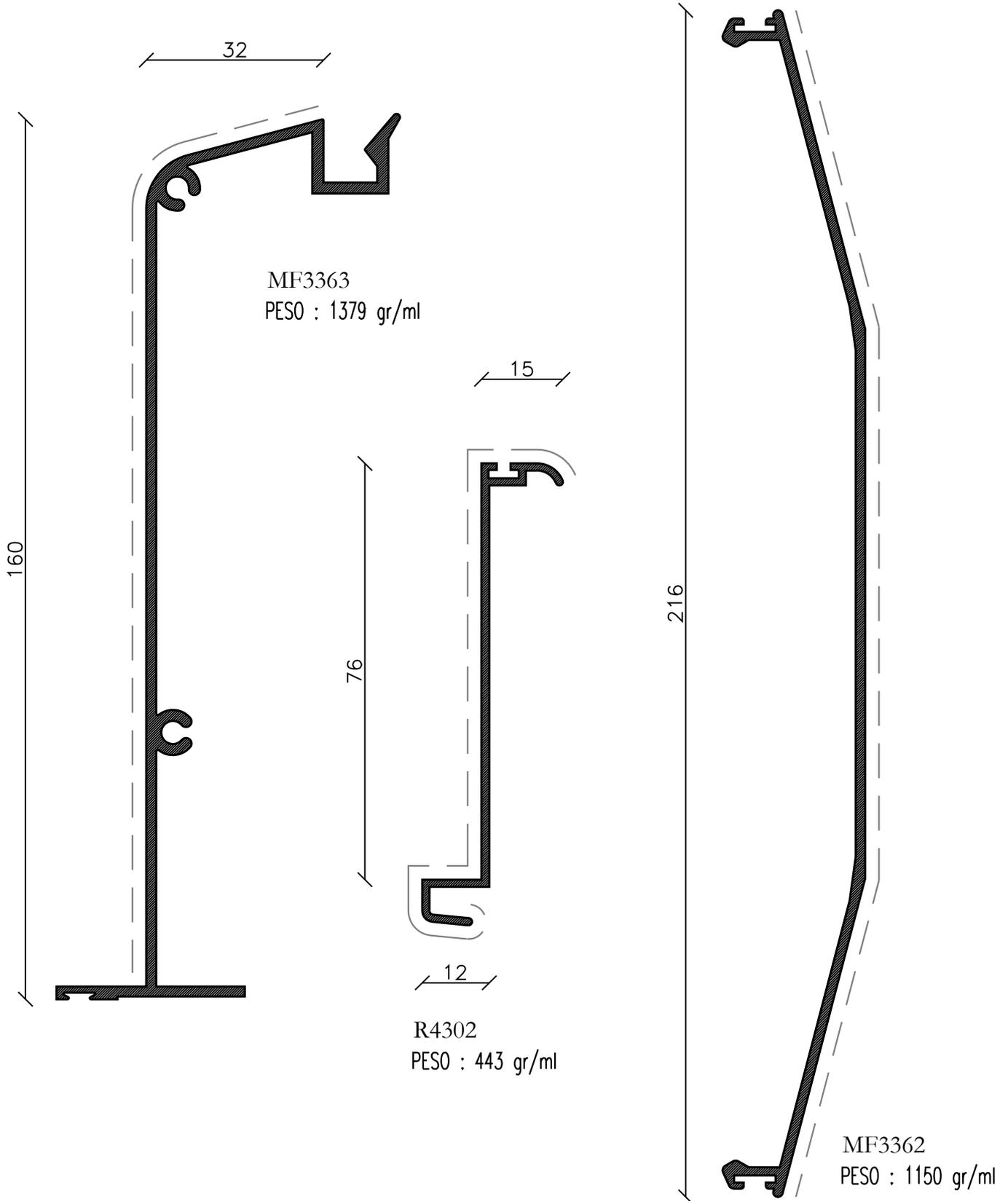


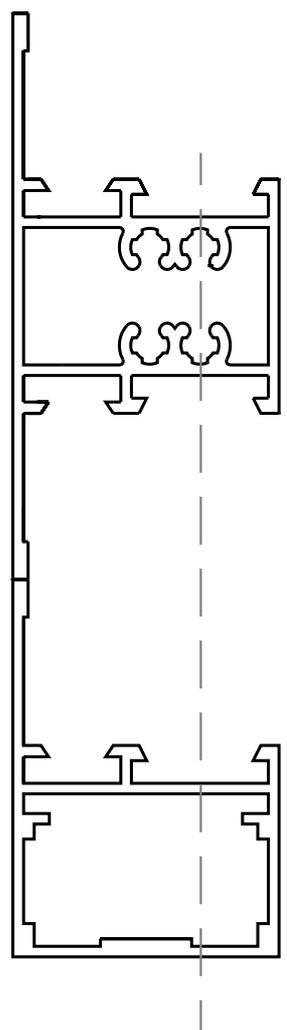
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PESO : 282 gr/ml



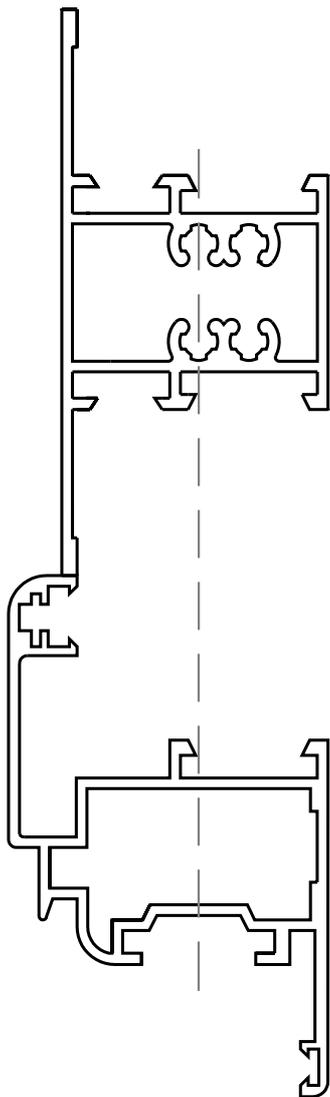
PROFILI



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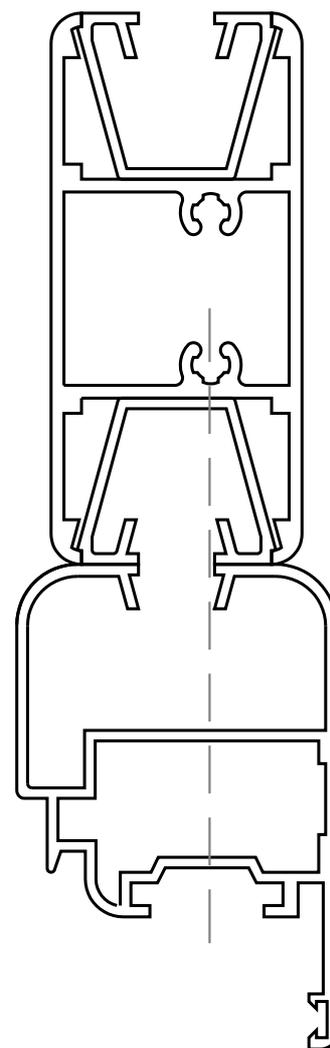
25 10

ACCOPPAMENTO CON  
TELAI FISSI



25 17

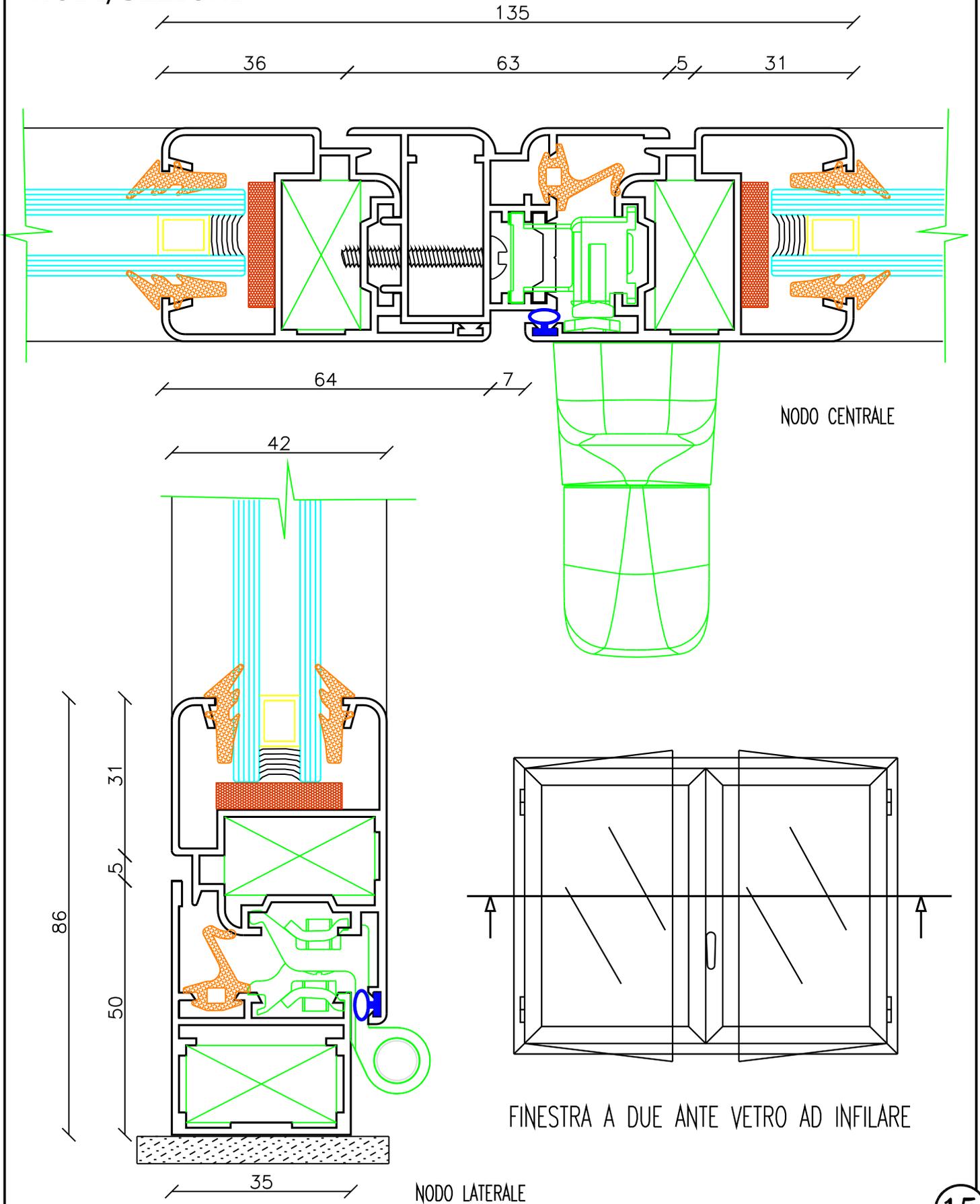
ACCOPPAMENTO CON  
ANTA A ZETA

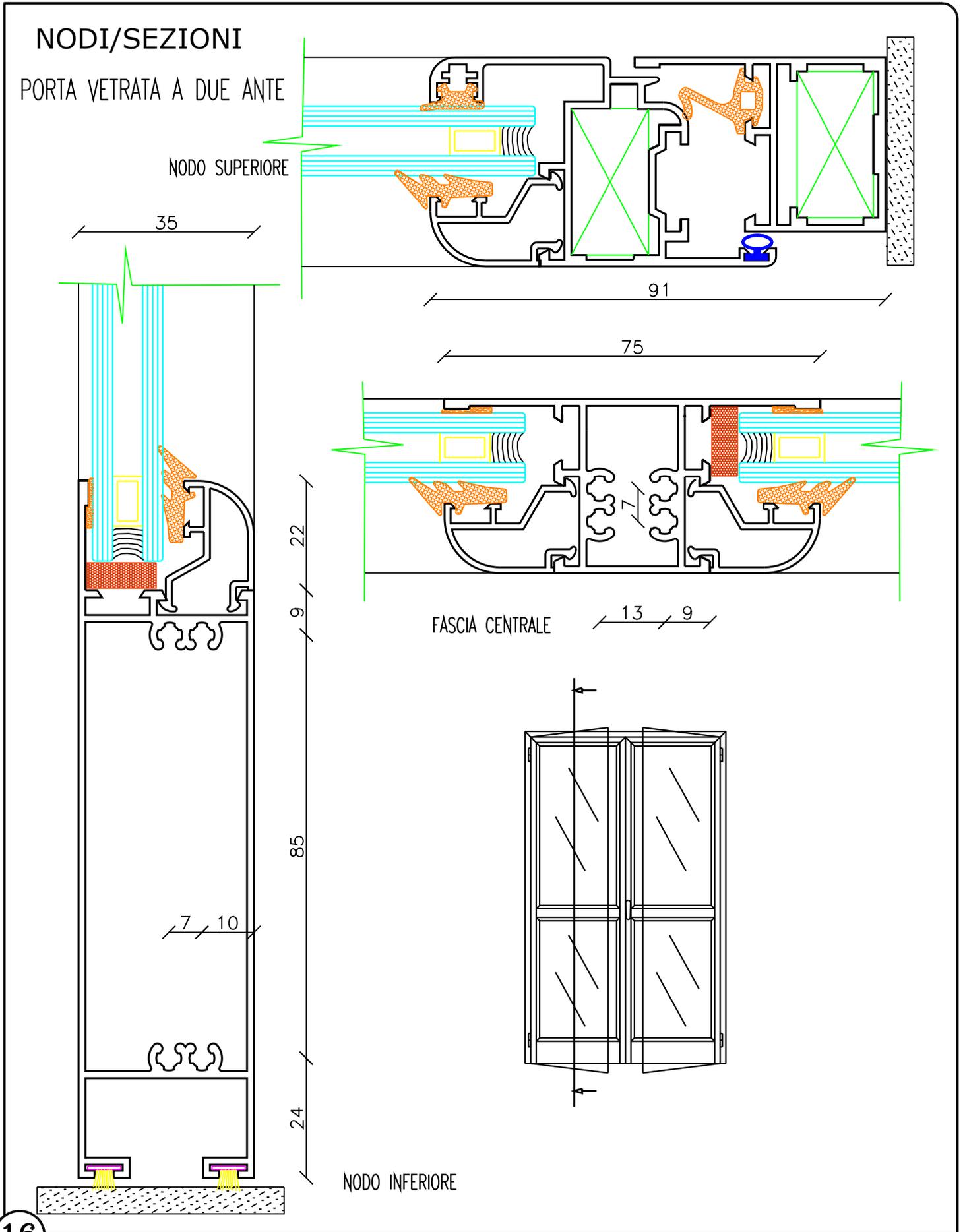


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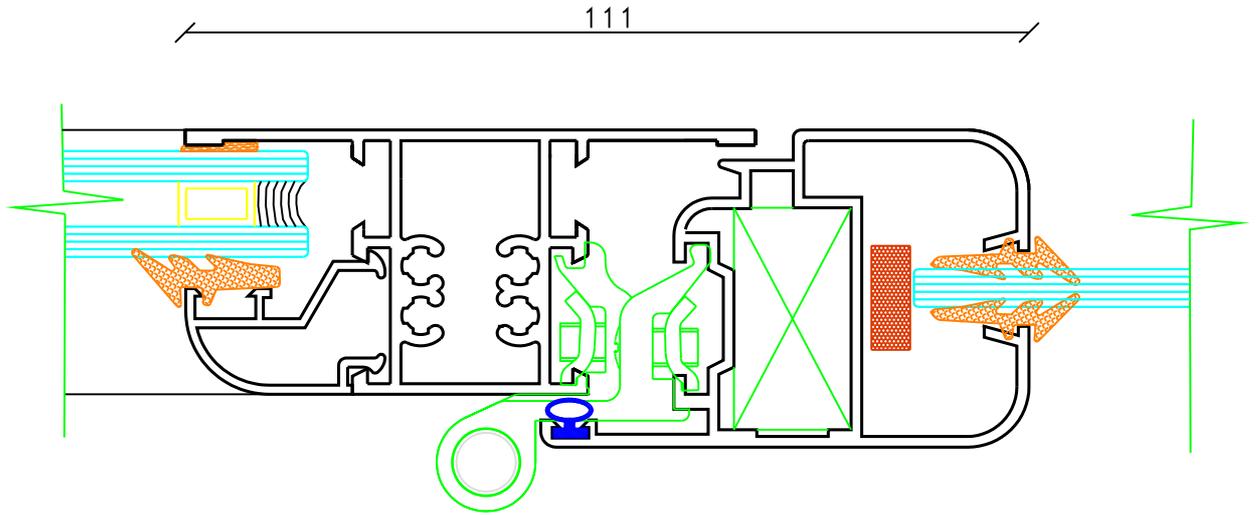
ACCOPPAMENTI CON  
ANTA VETRO-IFILO

NODI/SEZIONI

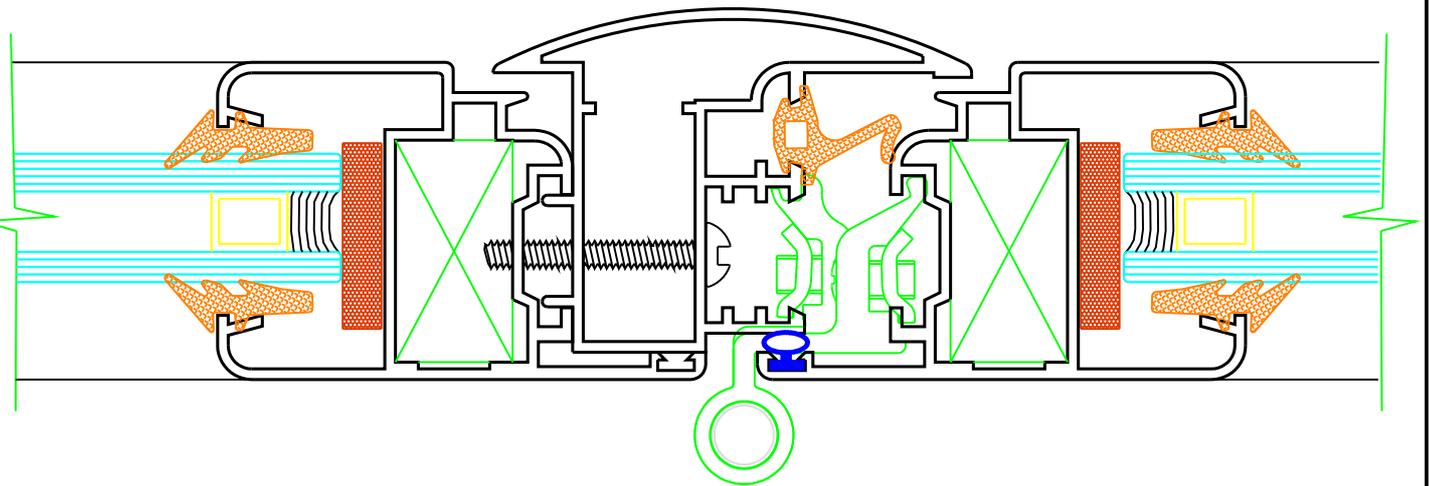
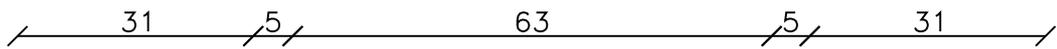




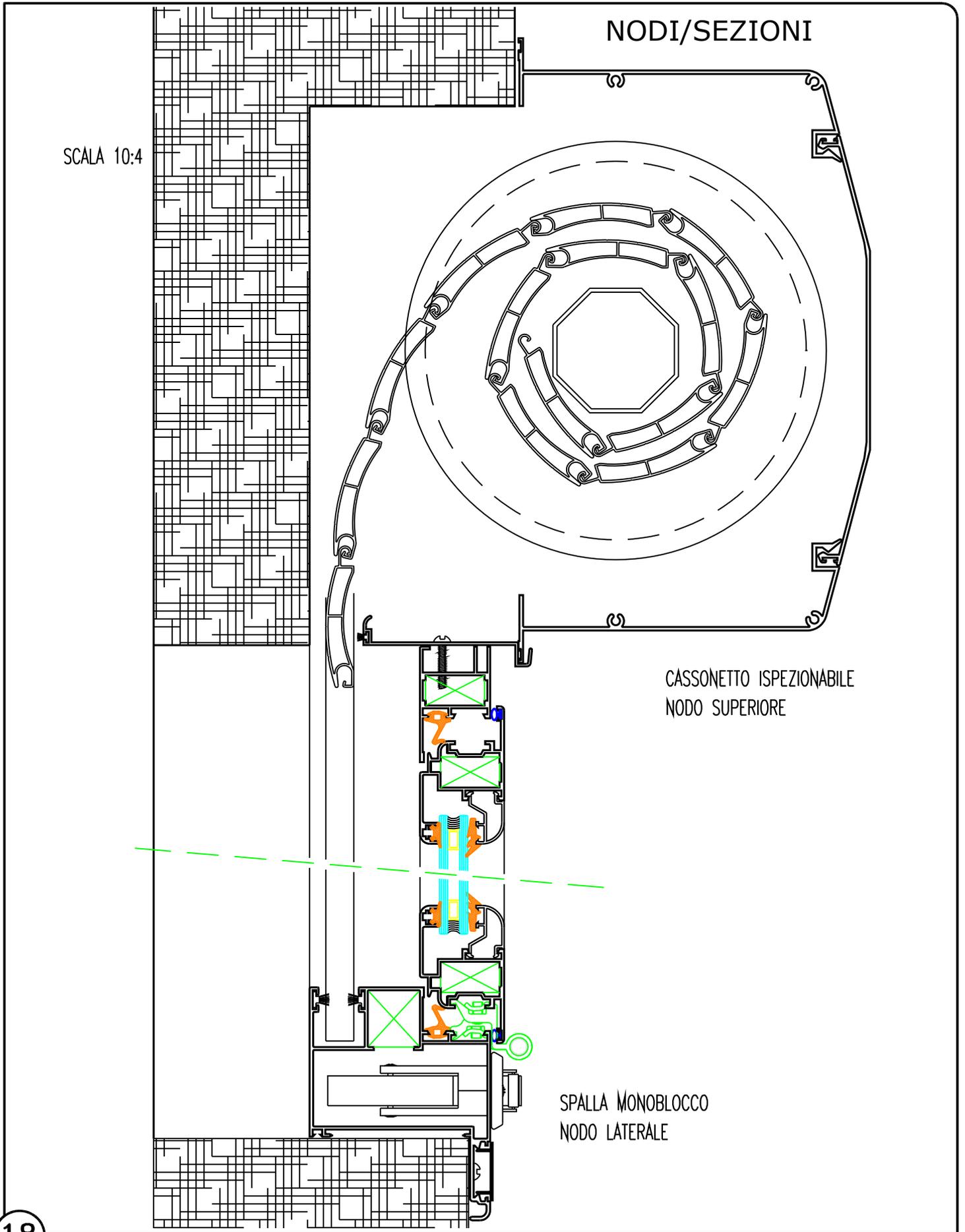
NODI/SEZIONI



NODO CON PARTE FISSA

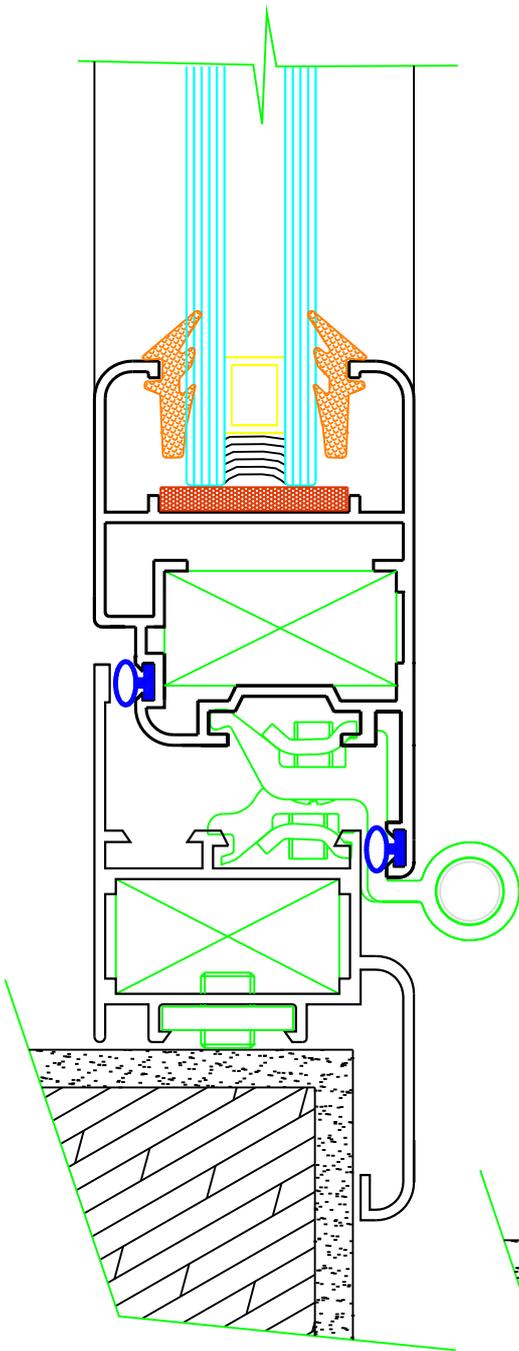


NODO CENTRALE CON TERZA ANTA

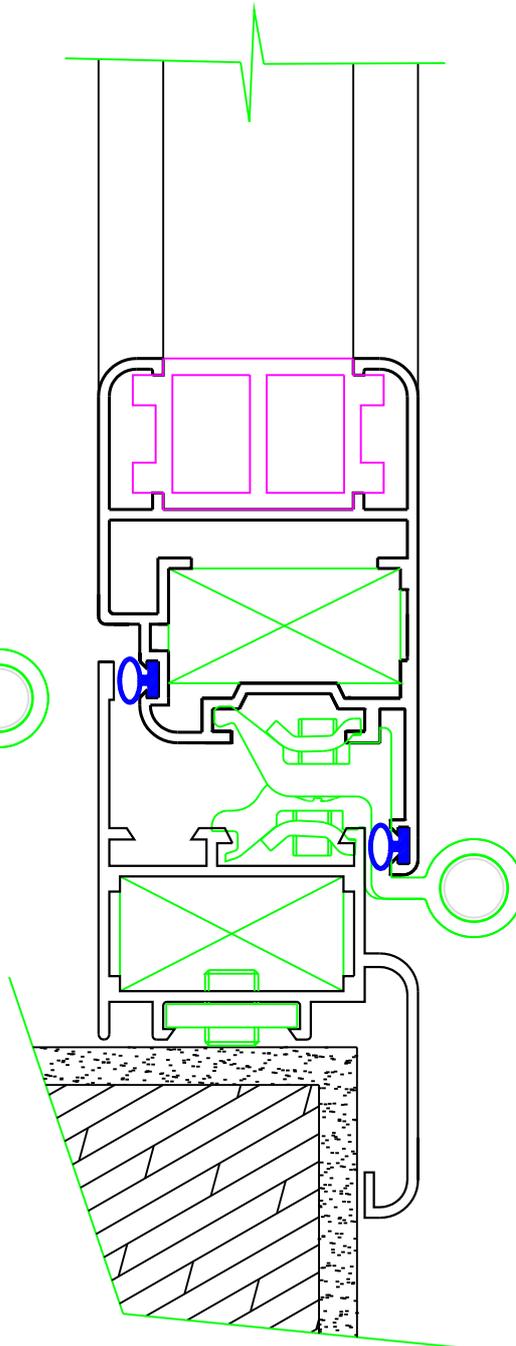


NODI/SEZIONI

SISTEMA A SORMONTO  
APERTURA VERSO L' ESTERNO

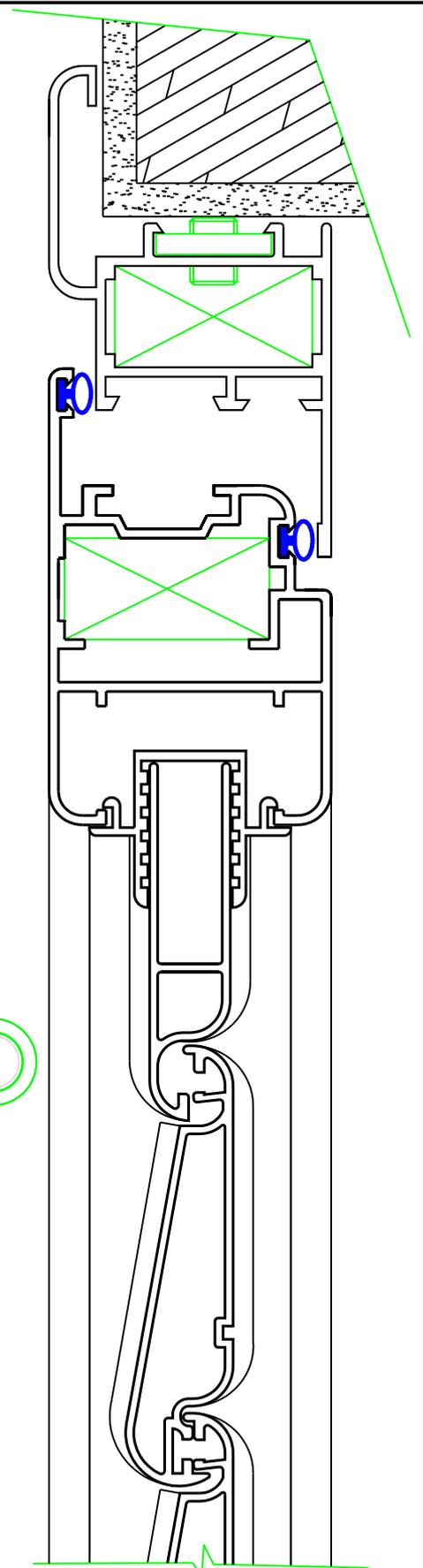


NODO LATERALE VETRO AD INFILO



NODO LATERALE OVALINA FISSA

NODI ESEMPLARI



NODO SUPERIORE LAMELLA UNIVERSAL

## TABELLA VETRI - GUARNIZIONI - FERMAVETRI



UP 2

B=2



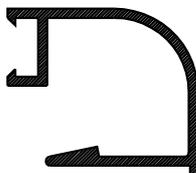
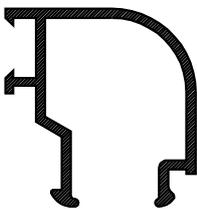
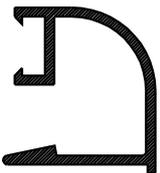
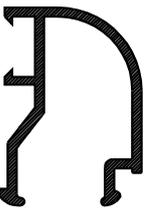
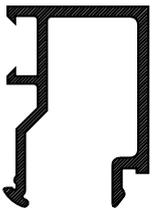
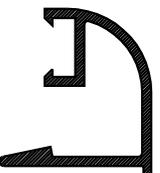
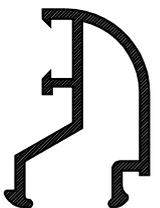
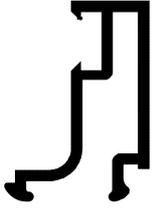
UP 3/4

C=3/4

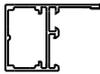
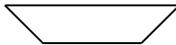
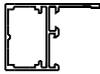
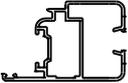
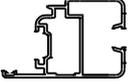
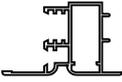
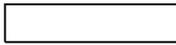


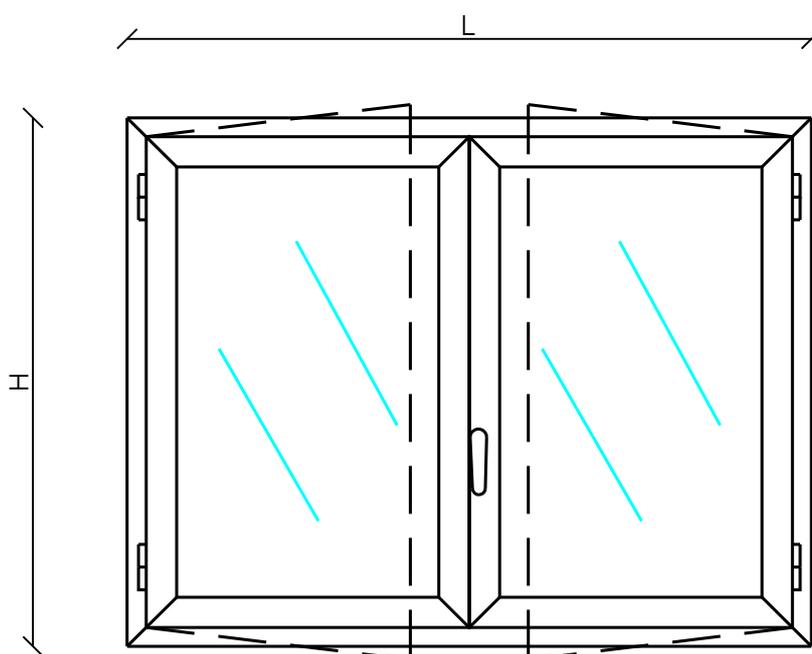
UP 5/6

D=5/6

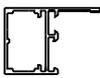
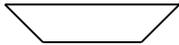
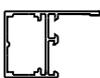
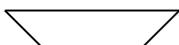
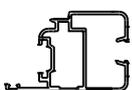
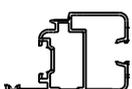
SPESSORE VETRI	GUARNIZIONI	DIMENSIONE FERMAVETRI	PROFILI E SEZIONI FERMAVETRI
4	B+B	25	 R4548  R3664
8	B+C	18,5	 R4547  R3668  R3824
9	B+C		
10	B+B		
12	B+D	14	 R4546  R3663
14	B+C		
15	B+B		
16	B+D	10	 R3823
18	B+C		
20	B+B		

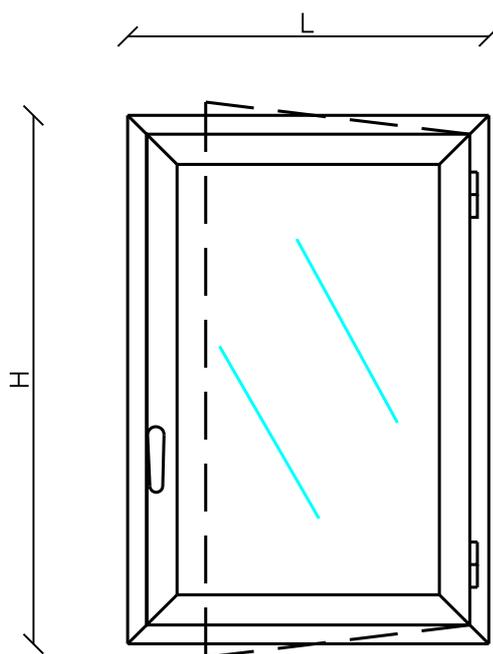
**DISTINTA DI TAGLIO DI UNA PORTA/FINESTRA A DUE ANTE**

Codice	Profilo	Descrizione	Taglio	Tipologia	Pezzi
R4139		Telaio	L		2
R4139		Telaio	H		2
R4268		Anta	$(L-50)/2$		4
R4268		Anta	H-45		4
R4142		Inversione di battuta	H-116		1



**DISTINTA DI TAGLIO DI UNA PORTA/FINESTRA AD UN' ANTA**

<b>Codice</b>	<b>Profilo</b>	<b>Descrizione</b>	<b>Taglio</b>	<b>Tipologia</b>	<b>Pezzi</b>
R4139		Telaio	L		2
R4139		Telaio	H		2
R4268		Anta	H-45		2
R4268		Anta	H-45		2



## ACCESSORI

Il sistema RG 42/35 è una serie pensata e realizzata sulla base dell' economicità e semplicità di realizzazione.

A tale scopo gli accessori di seguito indicati sono facilmente reperibili sul mercato :

- Guarnizione di battuta in coestruso art.118001 (Producta)
- Guarnizione di battuta EPDM art. 3163 (Complastex),
- Guarnizione pinna centrale art. 2884 (Complastex),
- Squadretta per Telai ed Ante art. 0335 (Master),
- Coppia tappi Riporto art. 19ACRG4212 (Ralox).

Per quanto riguarda gli altri accessori (maniglie, cremonesi, terminale asta etc.) sono universali e reperibili presso qualsiasi fabbrica di accessori (MASTER, PONTINA ACCESSORI etc.).

Come ad esempio la cerniera per camera europea Art.9211.3 della MASTER.

