Universal

The new frame for aluminum, glass and wooden doors
Il nuovo telaio per ante in alluminio, vetro e legno

Innovative aluminum frame for sliding doors and partitions.

Innovativo telaio in alluminio per porte scorrevoli e pareti.

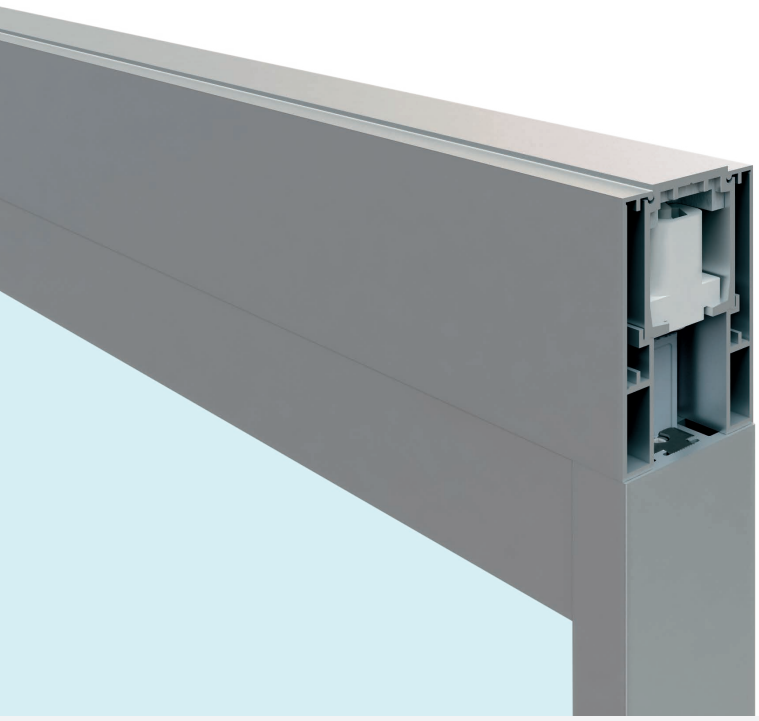
www.ternoscorrevoli.com/universal

Universal

PATENTED

Universal is the innovative Terno Scorrevoli frame, designed for doors in glass, timber and aluminum. Clean lines, reduced encumbrances, high resistance. These are the main features of a product which allows today, thanks to totally renovated design, to meet the market demands of designers and architects.

Universal è l'innovativo telaio di Terno Scorrevoli, realizzato per ante in vetro, legno e alluminio. Linee pulite, ingombri ridotti, massima resistenza: queste le caratteristiche principali di un prodotto che oggi, grazie al design completamente rinnovato, è in grado di rispondere alle richieste del mercato e di progettisti e architetti.



Minimal and linear design

The vertical upright with reduced dimensions will decrease visibility of extruded. Lines will then result linear and clean. The gap, in the upper side of the door as in the bottom, has been reduced to the same of a standard swing door and no additional drilling or milling processes are required. The external cover of track, aligned with the door, will shape a continuous surface. All features contribute to lend the system to an essential, but pleasant design.

Design pulito e lineare

Il montante verticale con dimensioni ridotte riduce la visibilità degli estrusi. Le linee risultano così lineari e pulite. La luce, sia nella parte alta che nella parte bassa della porta, è ridotta al pari di una porta battente. Non sono necessarie lavorazioni di foratura e fresatura. La copertura in alluminio e la porta formano una superficie continua: tutto concorre a conferire al nuovo telaio un design essenziale ma piacevole.

"The new UNIVERSAL frame is the perfect answer to the requirements for an elegant, performant and high resistant product"

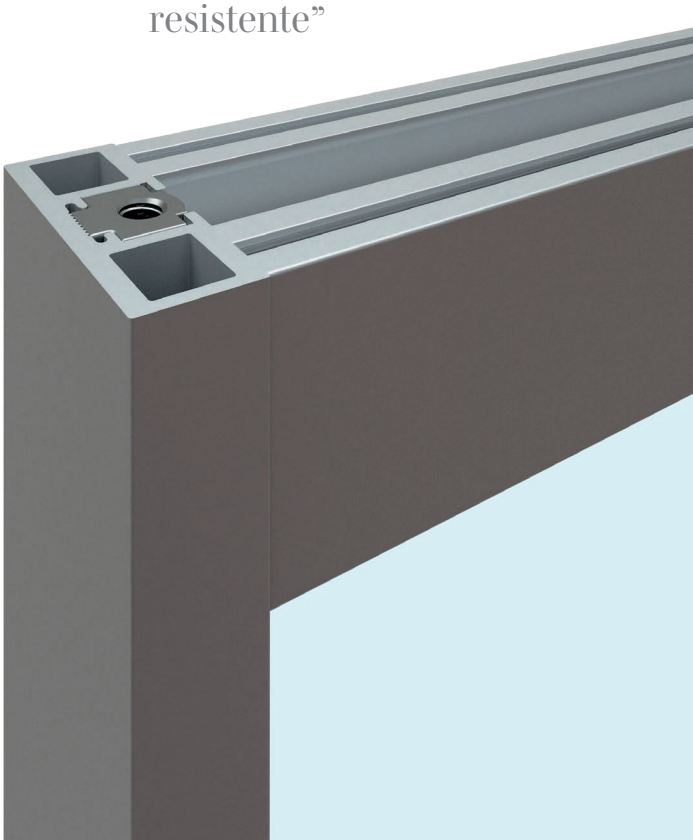
"Il nuovo telaio UNIVERSAL è la risposta perfetta alle richieste di un prodotto elegante, ma funzionale e resistente"

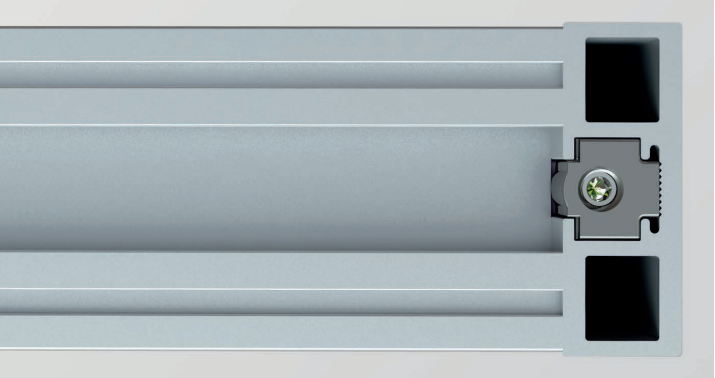
The highest resistance

Tubular extruded profiles, metal joints, perfect grip, load-bearing connectors, bi-extruded gasket. All components contribute to grant the glass weight to be sustained by vertical uprights and horizontal crosstracks, halving the pressure of it.

La massima resistenza

Estrusi tubolari, giunzioni in metallo, aderenza massima, attacchi portanti, guarnizione biestrusa: il peso del vetro è sostenuto dai montanti e dai traversi, e ne viene dimezzata la pressione.





Versatility and resistance

The new frame's extruded profiles are tubular and are assembled by metal joints, without any additional drilling processing requirement. This allows to cut profiles to favourite size, without any drilling or milling process, always granting the perfect grip.

Resistenza e flessibilità

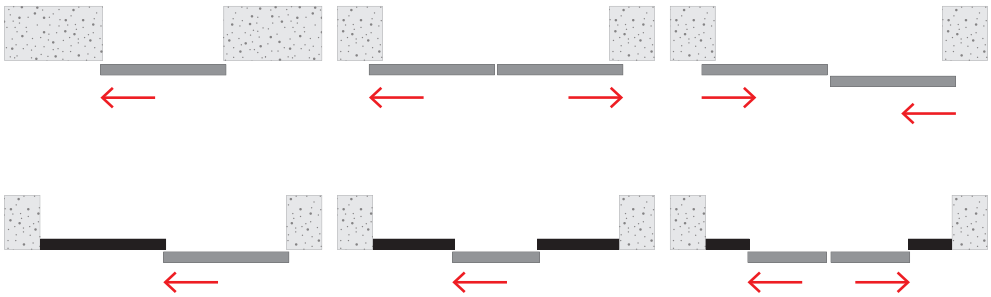
I nuovi estrusi del telaio sono tubolari, per ottenere la massima resistenza, e vengono assemblati tramite giunzione in metallo, senza necessità di lavorazioni di foratura: questo permette di tagliare la barra nella misura preferita, senza fori né fresate, e di ottenere la massima aderenza.

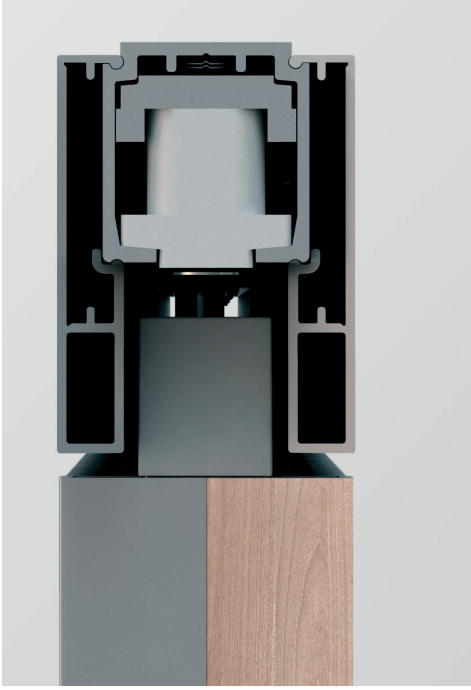
Extreme versatility of material and configurations

The 45 mm thickness allows to combine fixed aluminum panels to standard sliding wooden doors. New Universal frame basically allows multiple different configurations: from the single sliding door, to the sliding door combined with two or three fixed elements or panels, the double sliding doors with or without additional fixed elements.

Estrema versatilità di materiali e configurazioni

Lo spessore da 45 mm permette di abbinare le ante in alluminio alle porte di legno standard. Le configurazioni che il telaio Universal consente di creare sono molteplici: dall'anta singola scorrevole, all'anta singola abbinata con uno o due elementi fissi, dall'anta doppia scorrevole all'anta doppia abbinata a due elementi fissi.





Reduced vertical and horizontal gap

Into the horizontal crosstrack are inserted dustcover brushes, allowing to fill the gap either in the bottom, as in the upper side, towards the external cover. According to that, horizontal or vertical door's gap will result extremely reduced.

Spazio di aria e di luce ridotti

Nel montante orizzontale vengono inseriti gli spazzolini parapolvere, che permettono di chiudere la luce sia nella parte inferiore che nella parte superiore, verso la copertura: lo spazio di aria e di luce risultano così estremamente ridotti.

Essential and modern design

Vertical upright has been designed with reduced dimensions in order to extremely limit the visual impact of extruded profiles. The external cover of track, aligned with the door, will shape a continuous surface, pleasing to the eye. Profiles and accessories may also be realized in different finishings, from lighter to darker colours, as per latest design trends.

Design essenziale e moderno

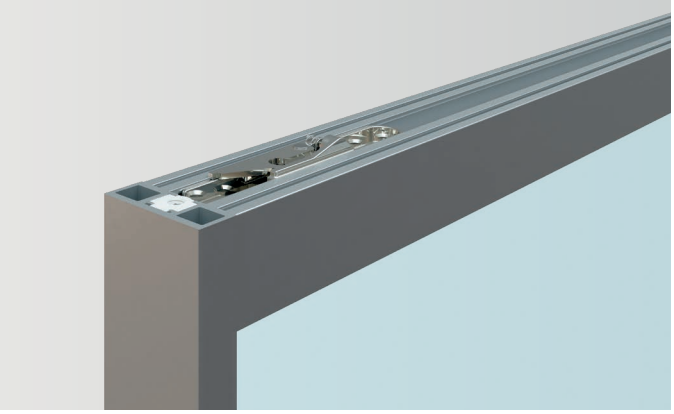
Il montante verticale ha dimensioni ridotte per limitare estremamente la visibilità degli estrusi. La copertura in alluminio e la porta formano una superficie continua, piacevole alla vista. I profili e gli accessori possono inoltre essere realizzati con diversi tipi di finiture, dai colori più chiari fino a colorazioni più scure, di tendenza.

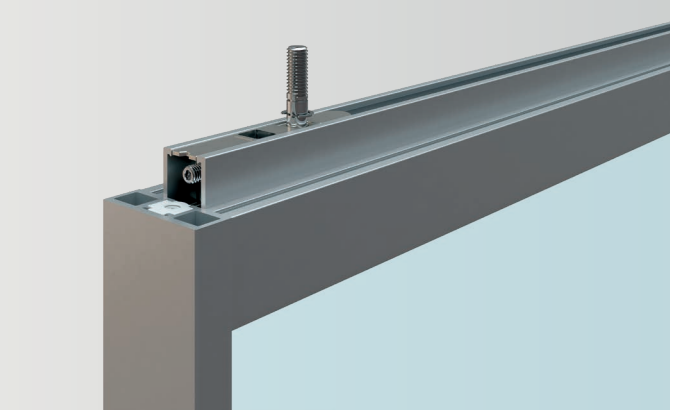
Installation in every context

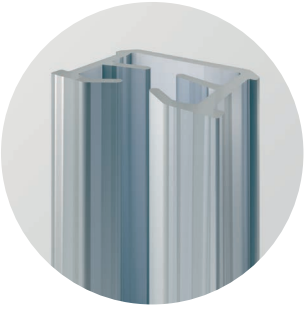
Universal frame may be combined with two brackets already in the Terno Scorrevoli catalog: **Eclettica** and **Evolution**.
In combination with lateral automatic clipping bracket **Eclettica**, the new frame may be fixed on the wall, directly to the ceiling or to counterceiling. The external cover has been designed to be totally aligned to the handle, in order to shape a continuous surface to reduce as much as possible horizontal gap. Instead, combining **Universal** frame to invisible **Evolution** bracket, it is possible to perform any possible installation option, from wall to ceiling fixing, with the benefit of having a complete closure of upper horizontal gap, given that the door will be positioned in the middle of the crawlspace between the two external covers, closing the upper gap at 100% and keeping sliding elements totally hidden.

Installazione in ogni contesto

Il telaio **Universal** si può utilizzare con due staffe già presenti nel catalogo Terno Scorrevoli: la staffa **Eclettica** e la staffa **Evolution**.
Combinato con la staffa automatica laterale **Eclettica**, il nuovo telaio può essere installato sia a parete che a soffitto, che a controsoffitto. La copertura in alluminio è stata disegnata per essere allineata completamente alla maniglia, definendo così una superficie unica e continua che riduce al minimo la luce.
Combinando invece il telaio **Universal** alla staffa invisibile **Evolution**, si ottengono tutte le soluzioni possibili a parete e a soffitto, con il vantaggio di avere una chiusura totale della luce: la porta si inserisce nell'intercapedine delle due coperture e la luce è così chiusa al 100%, e i meccanismi di scorrimento sono completamente nascosti.







Dedicated to monolithic and laminated glass

Thanks to innovative extruded profiles, **Universal** frame results to be highly resistant. Furthermore, it has been realized an innovative bi-extruded gasket which allows an optimal grip of glass. The bi-extruded gasket will allow to use monolithic and laminated glasses from 5 up to 8,5 mm thickness.

Per vetri monolitici o stratificati

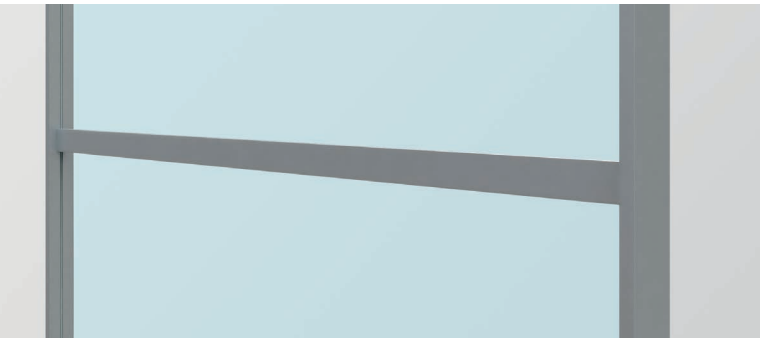
Grazie agli innovativi estrusi, il telaio **Universal** risulta molto resistente. È stata realizzata, inoltre, un'innovativa guarnizione biestrusa che permette un'ottimale tenuta del vetro. Con questa guarnizione, è possibile montare vetri monolitici o laminati con spessori da 5 a 8,5 mm.

Load-bearing crosstracks

The metal joint connector which hold the crosstrack it is not acting only as a divider, but it also has a load-bearing function, in order to uniformly distribute the glass weight along vertical uprights and horizontal crosstracks, halving the pressure of it and allowing to realize larger surfaces.

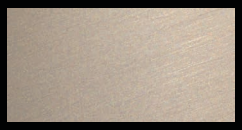
Traversi portanti

L'attacco metallico che sostiene il traverso non funge solo da divisorio, ma è portante: questo vuol dire che il peso del vetro è distribuito uniformemente su montanti e traversi, dimezzandone la pressione, e permettendo di creare superfici più grandi.



AVAILABLE ALUMINUM PROFILE FINISHES / FINITURE DEI PROFILI IN ALLUMINIO DISPONIBILI

Brushed Anodized Silver
Argento Spazzolato



Brushed Anodized Nickel
Nichel Spazzolato

Brushed Anodized Black
Nero Spazzolato

Metal Grey

Graphite
Grafite

Tracks / Binari

ALUMINUM FINISHES CODES / CODICI FINITURE ALLUMINIO

CODE / CODICE		FINISH COLOR / COLORE FINITURA	
8 02 0.0	02	Brushed Anodized Silver / Argento Spazzolato	STANDARD
8 15 0.0	15	Brushed Anodized Black / Nero Spazzolato	SPECIAL
8 17 0.0	17	Brushed Anodized Nickel / Nichel Spazzolato	
8 28 0.0	28	Metal Grey	
8 30 0.0	30	Graphite / Grafite	

Tracks / Binari

PLASTIC FINISHES CODES / CODICI FINITURE PLASTICA

CODE / CODICE		FINISH COLOR / COLORE FINITURA	
8 23 0.0	23	Gray / Grigio	STANDARD

Universal

COMPLETE BOX KIT / KIT COMPLETO IN SCATOLA

K Complete kit / Kit completo

.

0421	Kit **Universal** + **Evolution** (Aluminum / Alluminio)
0422	Kit **Universal** + **Evolution** (Fix Aluminum Door / Porta fissa in Alluminio)
0423	Kit **Universal** + **Eclettica** (Aluminum / Alluminio)
0424	Kit **Universal** + **Eclettica** (Fix Aluminum Door / Porta fissa in Alluminio)
0425	Kit **Universal** + **Evolution** (Wood / Legno)
0426	Kit **Universal** + **Evolution** (Fix Wooden Door / Porta fissa in Legno)
0427	Kit **Universal** + **Eclettica** (Wood / Legno)
0428	Kit **Universal** + **Eclettica** (Fix Wooden Door / Porta fissa in Legno)

.

0	N.2 Standard stoppers N.2 Fermi standard
1	N.2 Fluid dampers N.2 Fermi ammortizzati Fluid **Eclettica**
2	N.2 Fluid dampers N.2 Fermi ammortizzati Fluid **Evolution**

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0	Multi measurement Multimisura
1	Max 2200x1000 mm
2	Max 2600x1200 mm
3	Max 3000x1500 mm
4	W Max = 1000 mm
5	W Max = 1200 mm
6	W Max = 1500 mm

.

02	Brushed Anodized Silver Argento Spazzolato
15	Brushed Anodized Black Nero Spazzolato
17	Brushed Anodized Nickel Nichel Spazzolato
28	Metal Grey
30	Graphite Grafite

Universal

COMPLETE BOX KIT / KIT COMPLETO IN SCATOLA

F	Bundle / Fasci
.	
0426	**Universal** + **Evolution** (Track / Binario)
0427	**Universal** + **Eclettica** (Track / Binario)
.	
5	**W** — Wall / Parete
7	**C** — Ceiling / Soffitto
8	**C2** — Ceiling (Double) / Soffitto (Doppio)
.	
1	L = 2000 mm
2	L = 2400 mm
3	L = 3000 mm
5	L = 4000 mm
4	L = 6000 mm
.	
02	Brushed Anodized Silver / Argento Spazzolato
15	Brushed Anodized Black / Nero Spazzolato
17	Brushed Anodized Nickel / Nichel Spazzolato
28	Metal Grey
30	Graphite / Grafite

Universal Optional

COMPLETE BOX KIT / KIT COMPLETO IN SCATOLA

C.0420	Complete handle kit / Kit completo maniglia
B.0425	Complete load-bearing crosstrack kit / Kit completo traverso portante
B.0428	Complete adjustable closing jamb kit / Kit completo battuta laterale regolabile
.	
A	Accessories / Accessori
.	
0	120 mm
1	Max 1000 mm
2	Max 1200 mm
3	Max 1500 mm
4	Max 2200 mm
5	Max 2600 mm
6	Max 3000 mm
.	
02	Brushed Anodized Silver / Argento Spazzolato
15	Brushed Anodized Black / Nero Spazzolato
17	Brushed Anodized Nickel / Nichel Spazzolato
28	Metal Grey
30	Graphite / Grafite

EXAMPLE / ESEMPIO

Kit Universal + Evolution
(Aluminum door / Porta in Alluminio)

Max 2200x1000 mm

K	.	0421	.	2	.	1	.	02

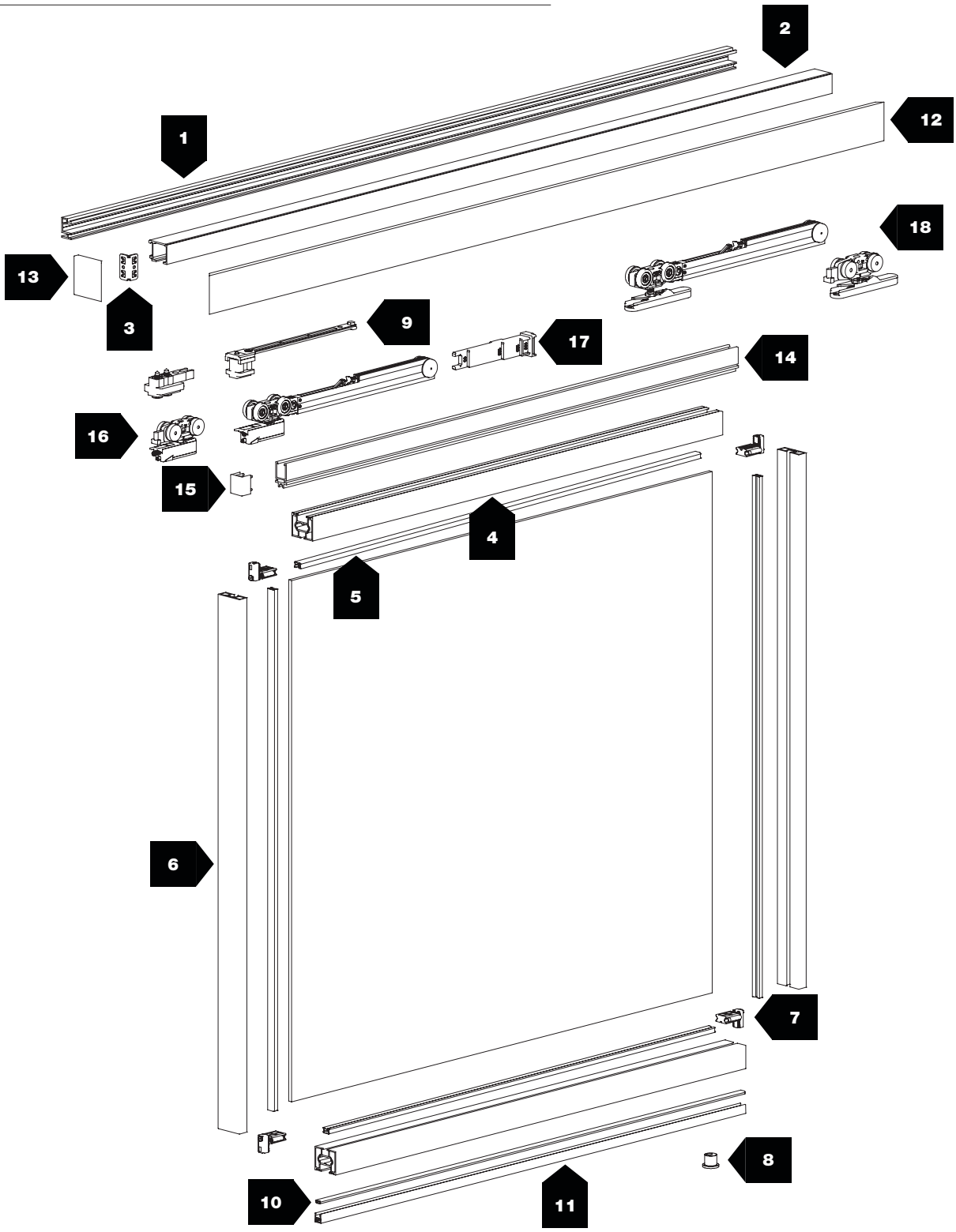
Complete kit
Kit completo

N.2 Fluid dampers
N.2 Fermi ammortizzati Fluid

Anodized Silver Finish
Finitura Argento

Universal

The new frame for aluminum, glass and wooden doors
Il nuovo telaio per ante in alluminio, vetro e legno



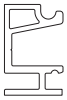
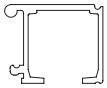
780 mm ÷ 1500 mm

Max 3000 mm

Max 80 kg

COLORS / COLORI

- Brushed Anodized Silver / Argento Spazzolato
- Brushed Anodized Nickel / Nichel Spazzolato
- Brushed Anodized Black / Nero Spazzolato
- Metal Grey
- Graphite / Grafite

N°			kg	
1	1710		–	
2	1700		–	
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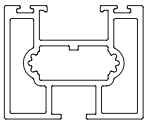
4	2762		–	
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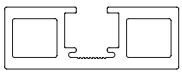
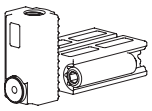
6	2761		–	
7	2765		–	
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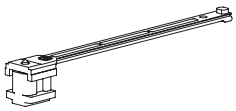
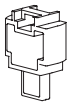
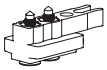
9	3354		–	FLUID NEW
	3347		–	
	84		–	
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N°			kg	
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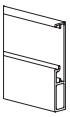
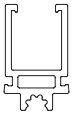
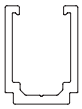
13	2764/2		–	
14	2763		–	
	2753		–	
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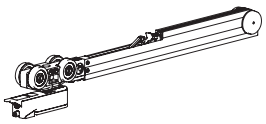
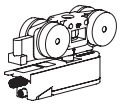
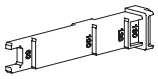
16	3362-80		80	FLUID NEW
	2363/T		80	
17	2353		–	
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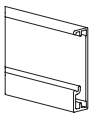
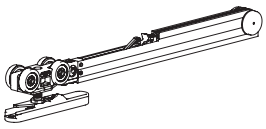
13	2755/2		–	
18	3382-80_DX		80	FLUID NEW
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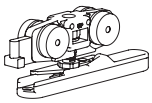
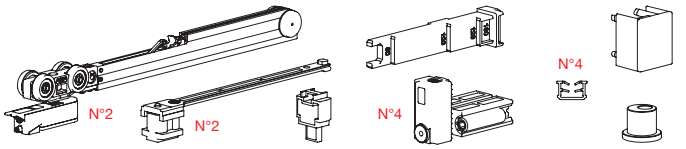
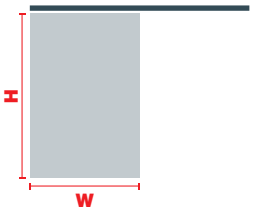
	83/T		80	

EVOLUTION

COMPLETE KIT (FOR ONE SLIDING ALUMINUM DOOR)
KIT COMPLETO (PER UNA PORTA SCORREVOLE IN ALLUMINIO)

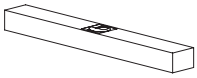


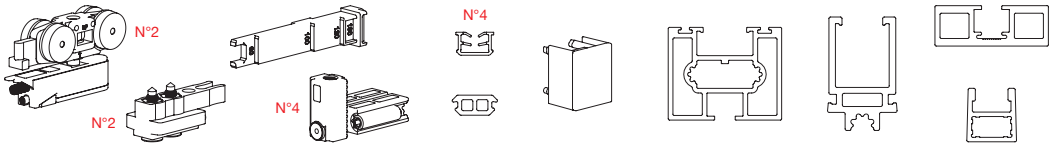


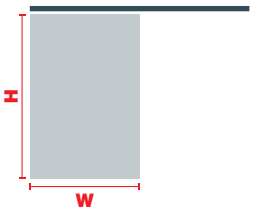
W (MAX)	H (MAX)			CODE	COLOURS / COLORI				
1000 mm	2200 mm	EVOLUTION	80 kg	K.0421.2.1	.02	.17	.15	.28	.30
1200 mm	2600 mm			K.0421.2.2	.02	.17	.15	.28	.30
1500 mm	3000 mm			K.0421.2.3	.02	.17	.15	.28	.30

EVOLUTION

COMPLETE KIT (FOR ONE FIX ALUMINUM DOOR)
KIT COMPLETO (PER UNA PORTA FISSA IN ALLUMINIO)



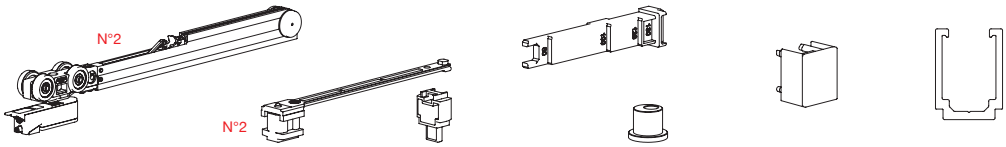


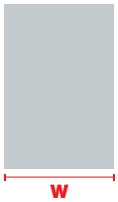


W (MAX)	H (MAX)			CODE	COLOURS / COLORI				
1000 mm	2200 mm	EVOLUTION	80 kg	K.0422.0.1	.02	.17	.15	.28	.30
1200 mm	2600 mm			K.0422.0.2	.02	.17	.15	.28	.30
1500 mm	3000 mm			K.0422.0.3	.02	.17	.15	.28	.30

EVOLUTION

COMPLETE KIT (FOR ONE SLIDING WOODEN DOOR)
KIT COMPLETO (PER UNA PORTA SCORREVOLE IN LEGNO)

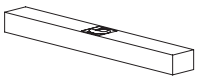


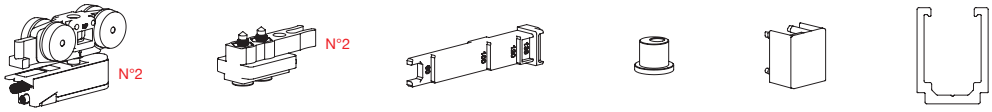


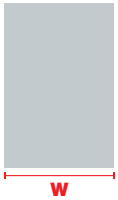
W (MAX)			CODE	COLOURS / COLORI				
1000 mm	EVOLUTION	80 kg	K.0425.2.4	.02	.17	.15	.28	.30
1200 mm			K.0425.2.5	.02	.17	.15	.28	.30
1500 mm			K.0425.2.6	.02	.17	.15	.28	.30

EVOLUTION

COMPLETE KIT (FOR ONE FIX WOODEN DOOR)
KIT COMPLETO (PER UNA PORTA IN LEGNO FISSA)



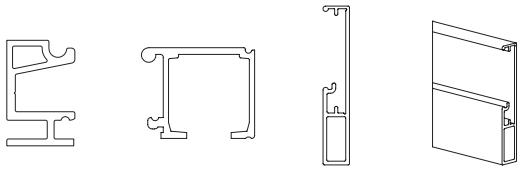




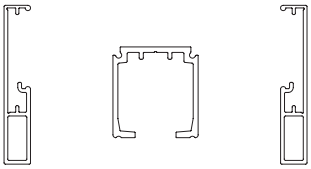
W (MAX)			CODE	COLOURS / COLORI				
1000 mm	EVOLUTION	80 kg	K.0426.0.4	.02	.17	.15	.28	.30
1200 mm			K.0426.0.5	.02	.17	.15	.28	.30
1500 mm			K.0426.0.6	.02	.17	.15	.28	.30

TRACKS BY TYPE OF PLACEMENT
BINARI PER TIPOLOGIA DI INSTALLAZIONE

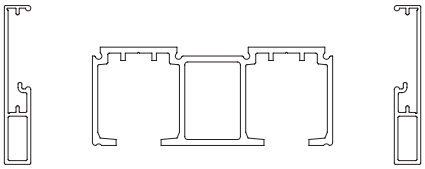
EVOLUTION



L	PLACEMENT / INSTALLAZIONE	CODE	COLOURS / COLORI				
2000 mm	WALL / PARETE	F.0426.5.1	.02	.17	.15	.28	.30
2400 mm		F.0426.5.2	.02	.17	.15	.28	.30
3000 mm		F.0426.5.3	.02	.17	.15	.28	.30
4000 mm		F.0426.5.5	.02	.17	.15	.28	.30
6000 mm		F.0426.5.4	.02	.17	.15	.28	.30



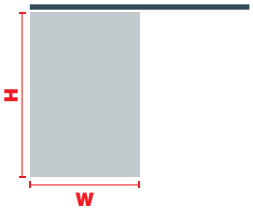
L	PLACEMENT / INSTALLAZIONE	CODE	COLOURS / COLORI				
2000 mm	CEILING / SOFFITTO	F.0426.7.1	.02	.17	.15	.28	.30
2400 mm		F.0426.7.2	.02	.17	.15	.28	.30
3000 mm		F.0426.7.3	.02	.17	.15	.28	.30
4000 mm		F.0426.7.5	.02	.17	.15	.28	.30
6000 mm		F.0426.7.4	.02	.17	.15	.28	.30

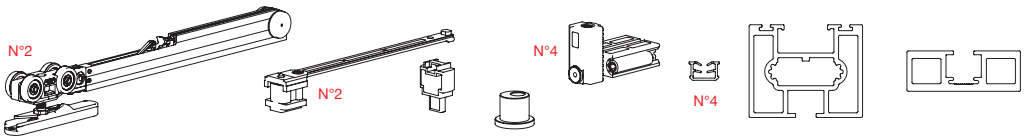


L	PLACEMENT / INSTALLAZIONE	CODE	COLOURS / COLORI				
2000 mm	CEILING / SOFFITTO	F.0426.8.1	.02	.17	.15	.28	.30
2400 mm		F.0426.8.2	.02	.17	.15	.28	.30
3000 mm		F.0426.8.3	.02	.17	.15	.28	.30
4000 mm		F.0426.8.5	.02	.17	.15	.28	.30
6000 mm		F.0426.8.4	.02	.17	.15	.28	.30

ECLETTICA

COMPLETE KIT (FOR ONE SLIDING ALUMINUM DOOR)
KIT COMPLETO (PER UNA PORTA SCORREVOLE IN ALLUMINIO)

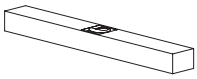


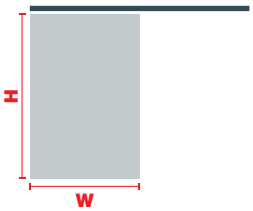


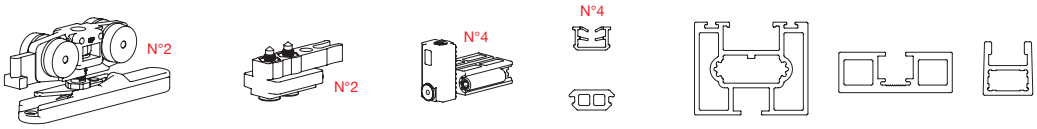
W (MAX)	H (MAX)			CODE	COLOURS / COLORI				
1000 mm	2200 mm	ECLETTICA	80 kg	K.0423.1.1	.02	.17	.15	.28	.30
1200 mm	2600 mm			K.0423.1.2	.02	.17	.15	.28	.30
1500 mm	3000 mm			K.0423.1.3	.02	.17	.15	.28	.30

ECLETTICA

COMPLETE KIT (FOR ONE FIX ALUMINUM DOOR)
KIT COMPLETO (PER UNA PORTA FISSA IN ALLUMINIO)



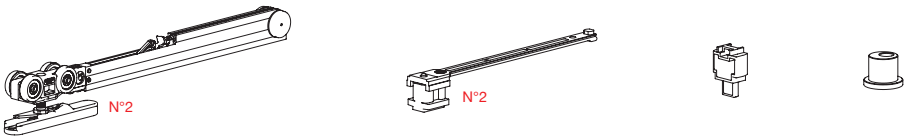




W (MAX)	H (MAX)			CODE	COLOURS / COLORI				
1000 mm	2200 mm	ECLETTICA	80 kg	K.0424.0.1	.02	.17	.15	.28	.30
1200 mm	2600 mm			K.0424.0.2	.02	.17	.15	.28	.30
1500 mm	3000 mm			K.0424.0.3	.02	.17	.15	.28	.30

ECLETTICA

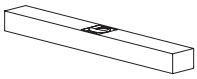
COMPLETE KIT (FOR ONE SLIDING WOODEN DOOR)
KIT COMPLETO (PER UNA PORTA IN LEGNO SCORREVOLE)

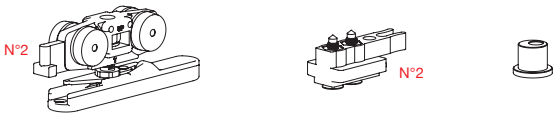


		CODE
ECLETTICA	80 kg	K.0427.1.0

ECLETTICA

COMPLETE KIT (FOR ONE FIX WOODEN DOOR)
KIT COMPLETO (PER UNA PORTA IN LEGNO FISSA)

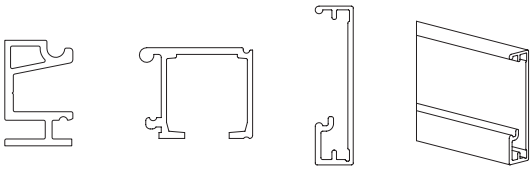




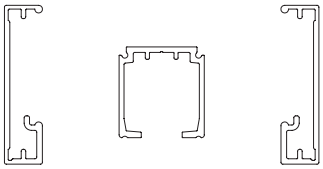
		CODE
ECLETTICA	80 kg	K.0428.0.0

TRACKS BY TYPE OF PLACEMENT
BINARI PER TIPOLOGIA DI INSTALLAZIONE

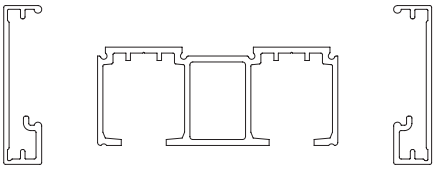
ECLETTICA



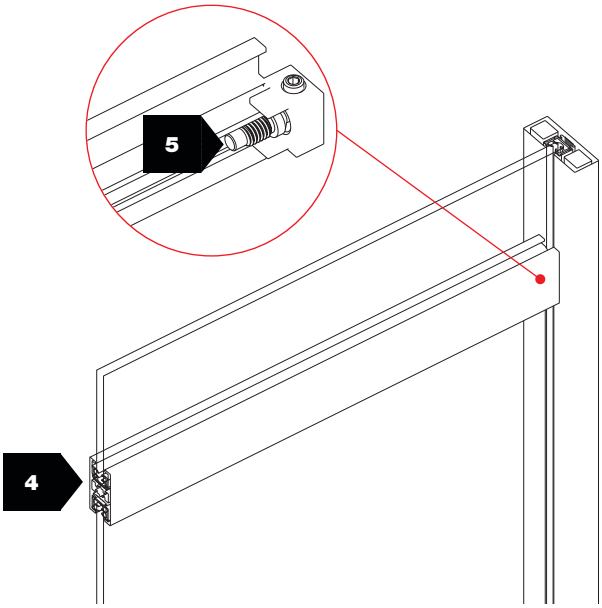
L	PLACEMENT / INSTALLAZIONE	CODE	COLOURS / COLORI				
2000 mm	WALL / PARETE	F.0427.5.1	.02	.17	.15	.28	.30
2400 mm		F.0427.5.2	.02	.17	.15	.28	.30
3000 mm		F.0427.5.3	.02	.17	.15	.28	.30
4000 mm		F.0427.5.5	.02	.17	.15	.28	.30
6000 mm		F.0427.5.4	.02	.17	.15	.28	.30

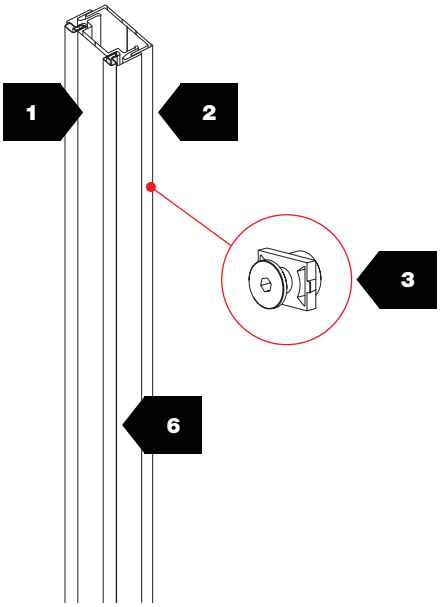


L	PLACEMENT / INSTALLAZIONE	CODE	COLOURS / COLORI				
2000 mm	CEILING / SOFFITTO	F.0427.7.1	.02	.17	.15	.28	.30
2400 mm		F.0427.7.2	.02	.17	.15	.28	.30
3000 mm		F.0427.7.3	.02	.17	.15	.28	.30
4000 mm		F.0427.7.5	.02	.17	.15	.28	.30
6000 mm		F.0427.7.4	.02	.17	.15	.28	.30



L	PLACEMENT / INSTALLAZIONE	CODE	COLOURS / COLORI				
2000 mm	CEILING / SOFFITTO	F.0427.8.1	.02	.17	.15	.28	.30
2400 mm		F.0427.8.2	.02	.17	.15	.28	.30
3000 mm		F.0427.8.3	.02	.17	.15	.28	.30
4000 mm		F.0427.8.5	.02	.17	.15	.28	.30
6000 mm		F.0427.8.4	.02	.17	.15	.28	.30



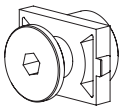


OPTIONAL +

ADJUSTABLE CLOSING JAMB
BATTUTA LATERALE REGOLABILE

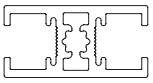
1
ART. 2760

2
ART. 2759

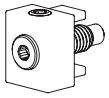


3
ART. 2758

CROSSTRACK
TRAVERSO



4
ART. 2768



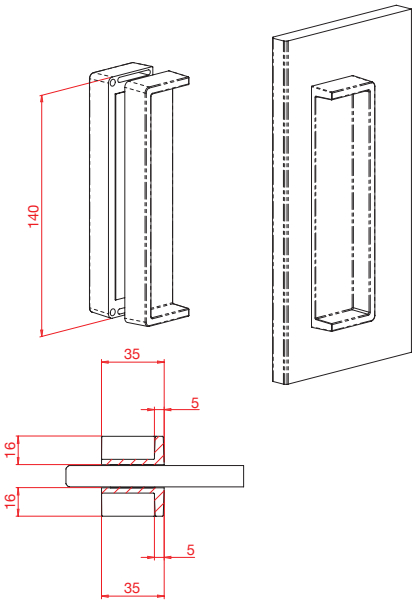
5
ART. 2769

6
ART. 2909

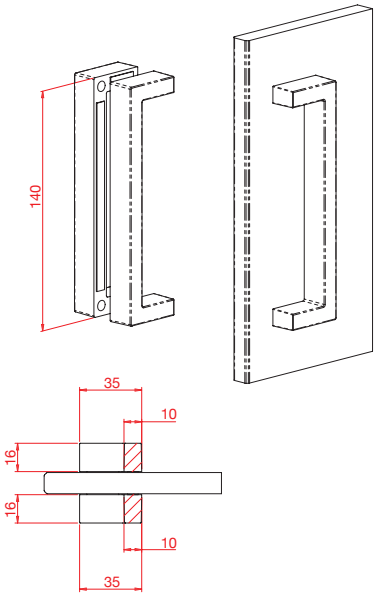
COMPLETE KIT (FOR DOOR HANDLE)
KIT COMPLETO (PER MANIGLIA)

OPTIONAL +

C.0420.A.1



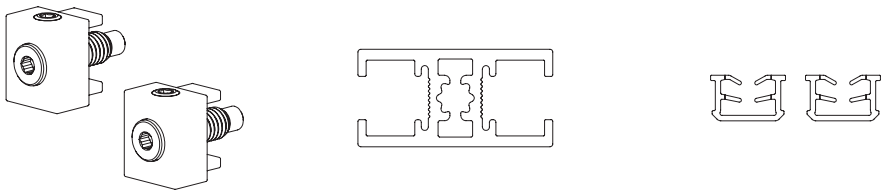
C.0420.A.2



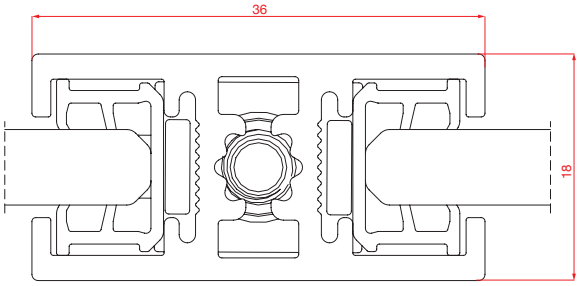
CODE	COLOURS / COLORI	
	NV	AV
C.0420.A.1	.41	.42
C.0420.A.2	.41	.42

COMPLETE KIT (FOR LOAD-BEARING CROSSTRACKS)
KIT COMPLETO (PER UN TRAVERSO PORTANTE)

OPTIONAL +

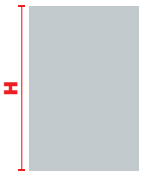


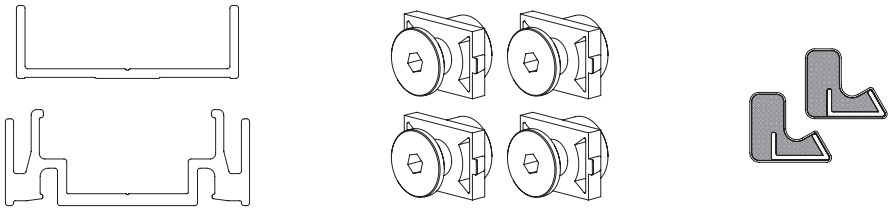
W (MAX)		CODE	COLOURS / COLORI				
1000 mm	80 kg	B.0425.A.1	.02	.17	.15	.28	.30
1200 mm		B.0425.A.2	.02	.17	.15	.28	.30
1500 mm		B.0425.A.3	.02	.17	.15	.28	.30



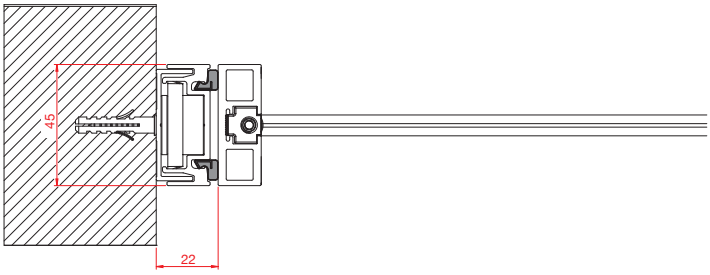
COMPLETE KIT (FOR ONE ADJUSTABLE CLOSING JAMB)
KIT COMPLETO (PER UNA BATTUTA LATERALE REGOLABILE)

OPTIONAL +



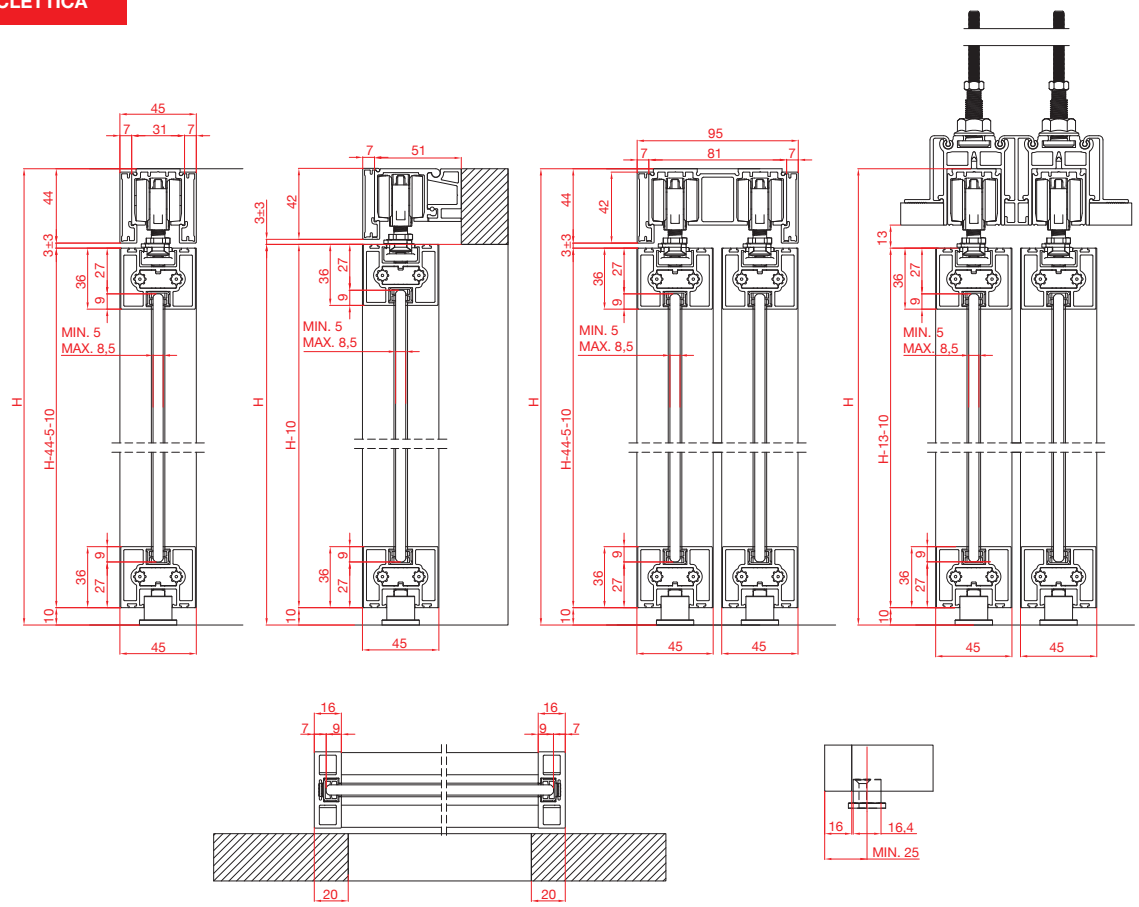


H (MAX)		CODE	COLOURS / COLORI				
2200 mm	80 kg	B.0428.A.4	.02	.17	.15	.28	.30
2600 mm		B.0428.A.5	.02	.17	.15	.28	.30
3000 mm		B.0428.A.6	.02	.17	.15	.28	.30

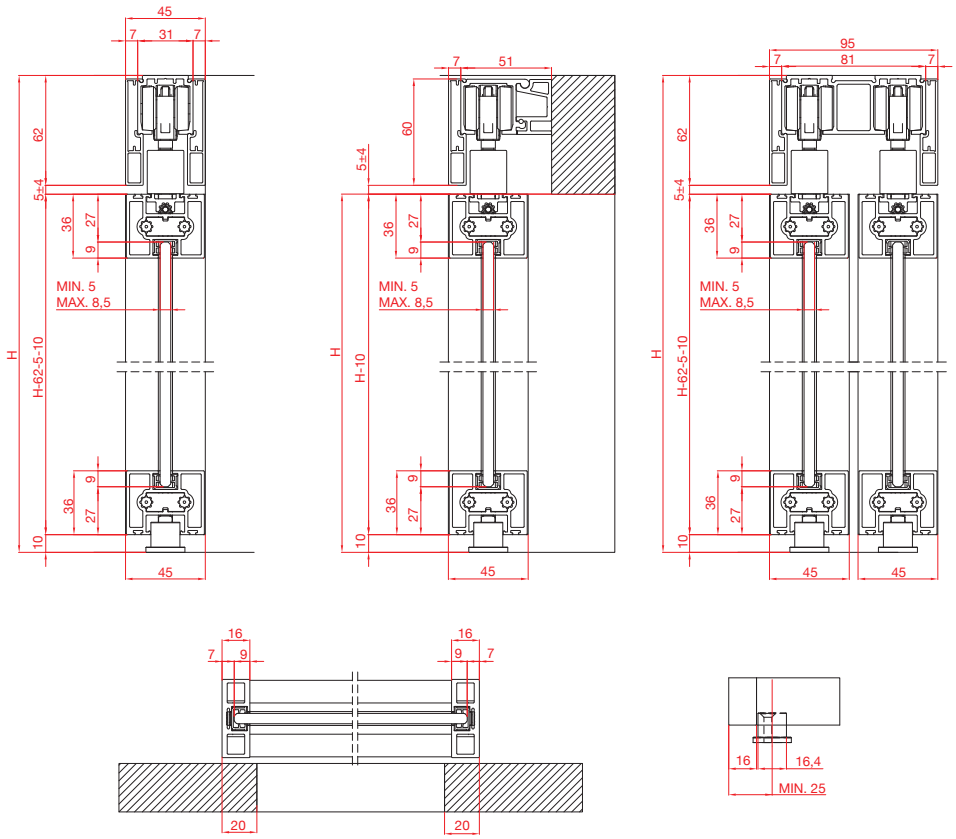


MEASUREMENTS DESCRIPTION / DESCRIZIONI MISURE

ECLETTICA



EVOLUTION



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VER.01-2025