

ECOMET

GRATE E PERSIANE BLINDATE

CATALOGO 2010



Sicurezza Reale.

The golden eagle is the absolute king of the skies. It is beautiful, fast and proud. In the same way, Ecomet, a leading company in its chosen field, moves promptly and skilfully in the knowledge that it can offer its customers **golden security**.

L'aquila reale è la regina assoluta del cielo, è bella, veloce e fiera. Allo stesso modo Ecomet, azienda leader del suo settore, si muove con prontezza e competenza, consapevole di poter offrire ai suoi clienti una **sicurezza reale**.





AZIENDA

Ecomet fonda le proprie radici in una consolidata esperienza nella produzione di infissi di sicurezza. Il know-how, le moderne tecnologie del nuovo stabilimento e i prodotti realizzati, affermano l'azienda nel panorama del mercato nazionale.

L'elevata qualità dei prodotti sempre realizzati su misura, la costante ricerca di nuove soluzioni adeguate alle diverse situazioni di cantiere e la capacità di venire incontro alle esigenze della clientela, qualificano e caratterizzano l'azienda.

Ubicata nella Zona Industriale di Marsciano (PG) su una superficie di 4500 mq, l'azienda svolge al suo interno tutte le fasi progettuali e produttive inclusa la verniciatura realizzata nel nuovissimo impianto, suo fiore all'occhiello.

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THE COMPANY

Ecomet is built on a solid foundation of long experience in the production of security door and window fixtures. Its know-how, the modern technologies used in its new plant and its products set the company apart from other Italian manufacturers.

The company has earned a reputation for the high quality of its products, which are always made to measure, its constant search for new solutions to the wide range of job-site situations, and its ability to meet its customers' needs.

Located in the Marsciano (PG) industrial park, on a surface area of 4500 square meters, the company does everything in-house, from design to production, including painting in its new plant, the latest feather in its cap.

TRATTAMENTO SUPERFICI

Nel nuovissimo impianto viene realizzata la verniciatura a polveri poliestere, con polimerizzazione nel forno a 180/200°C. Importantissima è la preparazione e la pulizia dei prodotti che avviene all'interno del tunnel in sei distinte fasi: ciò permette una successiva perfetta aderenza delle polveri sulle superfici zincate. La garanzia del prodotto è quella prevista dal C.C. a condizione di

una ordinaria manutenzione. Restano escluse da tale garanzia collocazioni in zone marine, in località con attività geotermica, in prossimità di poli industriali e di stabilimenti zootecnici. In tali situazioni è comunque possibile migliorare la protezione dell'infisso con uno specifico trattamento a base di primer zincante.

A verifica del processo sono state eseguite presso il laboratorio **TEC Eurolab Srl** e l'istituto **Giordano Spa**, prove di corrosione in atmosfera artificiale secondo i parametri della norma **UNI ISO 9227**. Dopo un tempo di esposizione di **500 ore**, i campioni sottoposti a tale trattamento sono risultati perfettamente integri.



SURFACE TREATMENTS

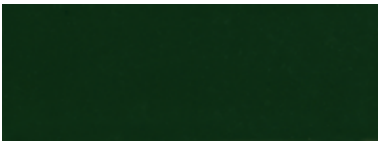
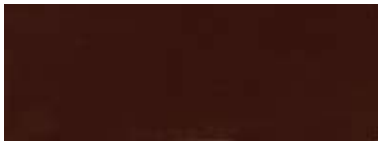
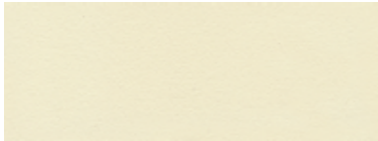
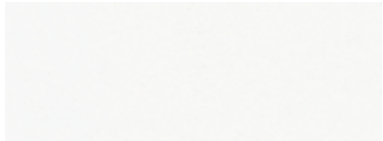
The new plant applies polyester powder paints, with oven polymerization at 180-200 °C. Product preparation and cleaning is fundamental and performed inside a tunnel in six distinct stages, as a result of which, the powders adhere perfectly to the galvanized surfaces. The product warranty is that required by the Italian Civil Code and valid if ordinary maintenance is performed.

The warranty does not cover installation in marine environments, in areas with geothermal activity or near industrial zones and plants that produce animal feeds. In these situations, the protection of the fixtures can be improved through a specific treatment with a galvanizing primer.

This process has been verified in the laboratories of **TEC Eurolab Srl** and **Giordano Spa** through corrosion testing in an artificial atmosphere according to the parameters of the **UNI ISO 9227** standard. After an exposure time of **500 hours**, samples subjected to this treatment were in perfect condition.

COLORI STANDARD / STANDARD COLOURS

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Verde Grinz	Verde Gotico	Marrone Grinz	Marrone Gotico
			
RAL 6009 Opaco	RAL 6005 Opaco	RAL 8017 Opaco	RAL 8014 Opaco
			
Verde Salvia	Verde Marmo Antico	Marrone Marmo Antico	Grigio Marmo Antico
			
Nero Raggrinzato	Antracite	1013 Grinz	9010 Grinz

CERTIFICAZIONI E TEST / CERTIFICATIONS AND TESTS

Certificazione in **Classe 3** di porte finestre a due ante di Persiana Eco e di Grata Eco, secondo la norma antieffrazione **UNI ENV 1627**.
Test secondo i parametri **UNI ISO 9227** a delle prove di corrosione in atmosfera artificiale con un tempo di esposizione di **500 ore**.

ECO shutter and ECO grate two-leaf glazed doors have been certified conforming to break-in resistance **Class 3** under the **UNI ENV 1627** standard. They have also been corrosion tested using the parameters of the **UNI ISO 9227** standard through exposure for **500 hours**.

TIPOLOGIA DI PROVA TEST TYPE	NORMA DI PROVA TEST STANDARD	NORMA DI CERTIFICAZIONE CERTIFICATION STANDARD	CLASSE ANTIEFFRAZIONE BREAK-IN RESISTANCE CLASS	ESITO RESULT
Resistenza all'effrazione Break-in resistance	UNI ENV 1628 UNI ENV 1629 UNI ENV 1630	UNI ENV 1627	3	POSITIVO POSITIVE





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01

PERSIANE DI SICUREZZA ECO

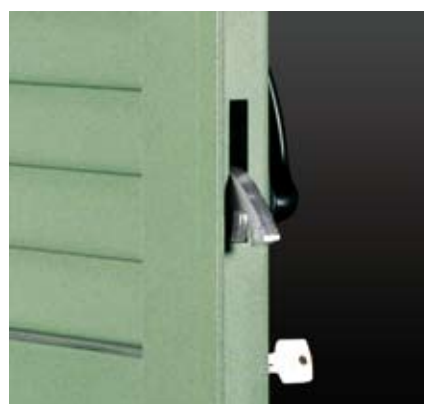


PERSIANE DI SICUREZZA ECO

Sicurezza, estetica e funzionalità caratterizzano la persiana modello ECO. "Certificata Classe 3 antieffrazione" secondo la normativa UNI-ENV 1627 e relativi criteri di estensibilità geometrica. Realizzata con profili in acciaio zincato **altoresistenziale**, finitura con verniciatura a polveri poliestere, colori Ral ns. standard. Le canne ovali sono **conificate**, asolate

ed attraversate da un **tondino** in acciaio. La modularità dei montanti permette di avere sempre l'ovalina intera. Completa di serratura di sicurezza a tre punti di chiusura con **gancio centrale**, paletto superiore **automatico**, rostri antistrappo, cerniere avvitate, traverso inferiore e profili montanti con aletta di protezione a **triplice spessore 45/10**.

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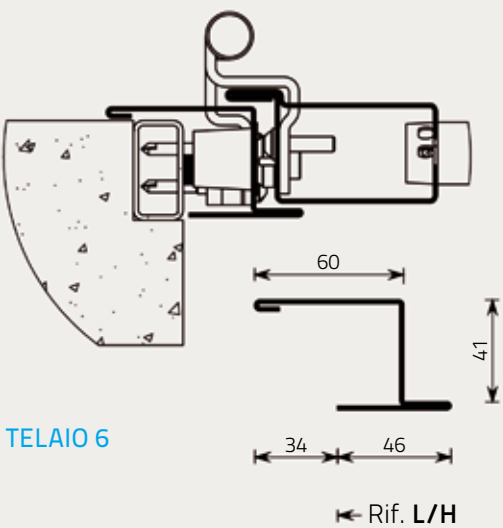
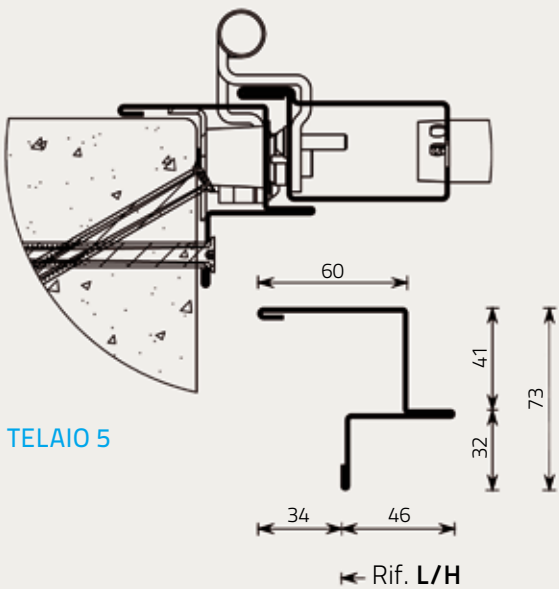


ECO SECURITY SHUTTERS

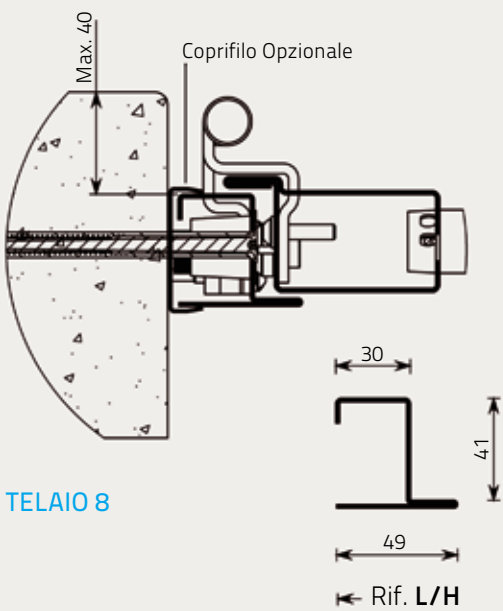
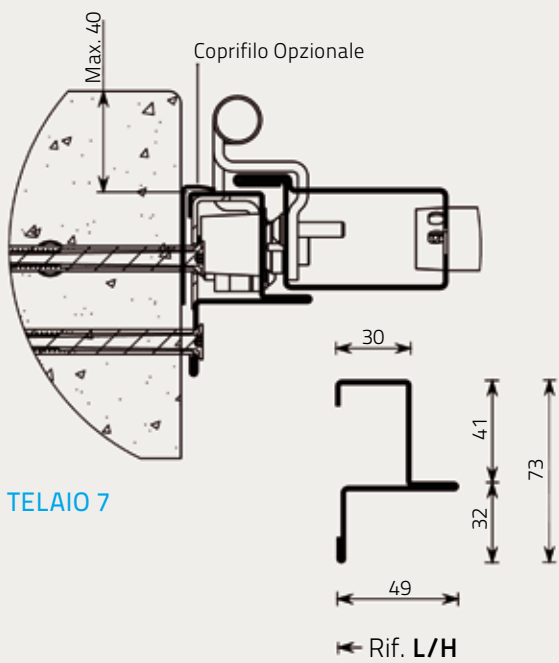
ECO model shutters are characterized by security, beauty and functionality. They are certified conforming to "break-in class 3" under the UNI-ENV 1627 standard and related criteria of geometric extensibility, constructed using **high-strength** galvanized steel profiles, and finished with polyester powder paint in our standard RAL colours. The oval tubes are shaped into

cones, slotted and reinforced by a round steel bar. The modularity of the uprights allows always having full slats. They come complete with security lock with three closing points and **centre hook**, **automatic** upper bolt, anti-forcing bolts, screwed-in hinge, lower crossbar and upright profiles with **triple-gauge 45/10** protection fin.

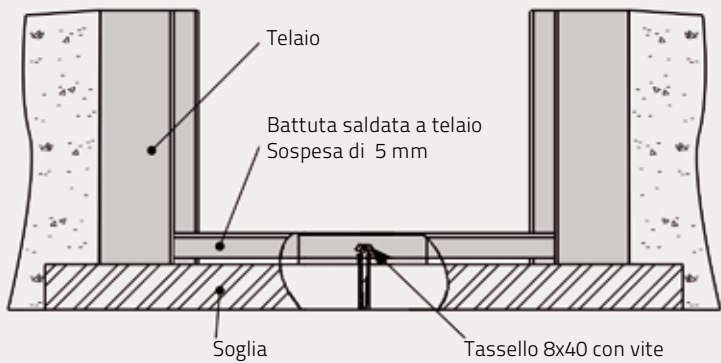
Telai filo muro esterno con copertura spigolo / Frames flush with the outside wall with edge cover



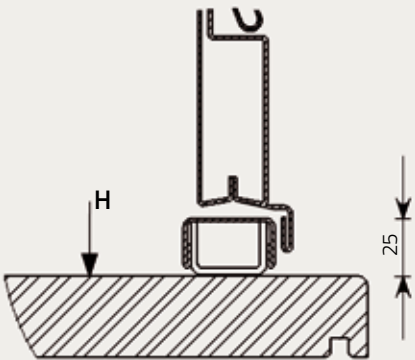
Telai arretrati applicati in luce / Set-in frames applied to openings



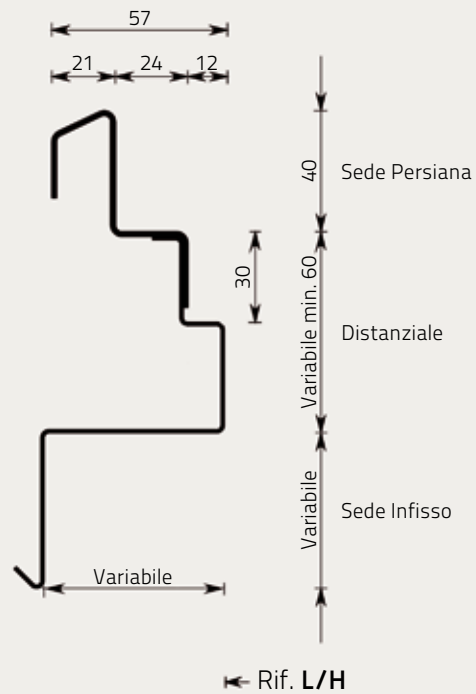
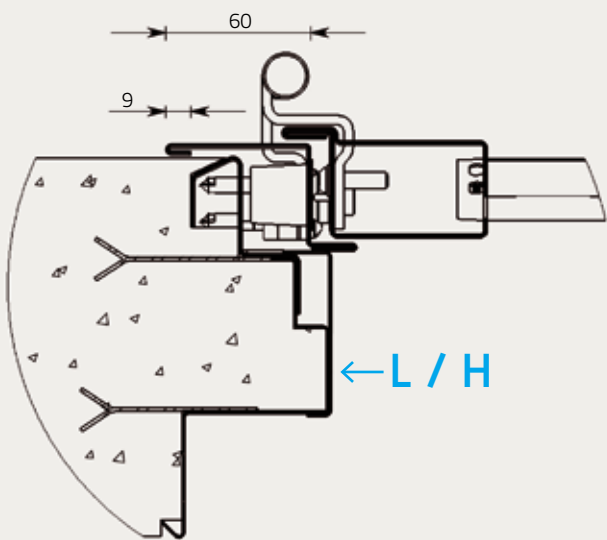
Fissaggio centrale soglia "C" / Centre type "C" fastening



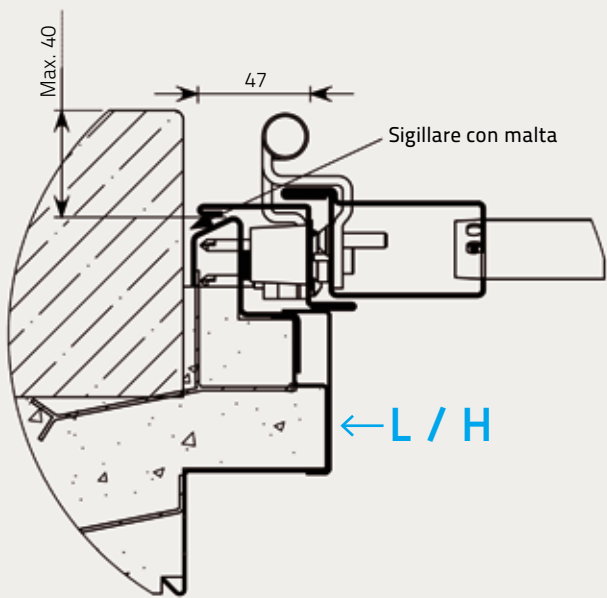
Soglia "C" Traverso inferiore / Type "C" sill lower crossbar



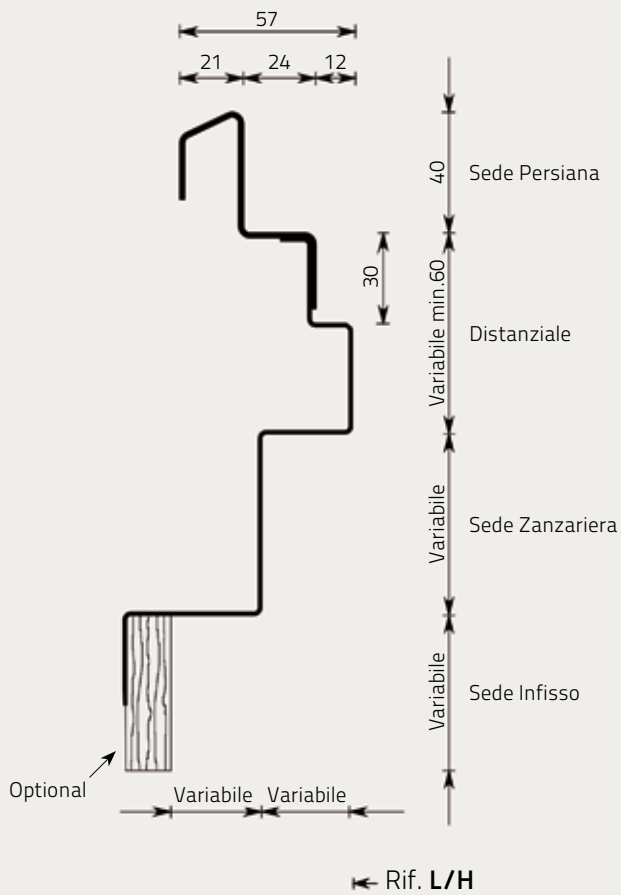
Controtelaio ECO filo intonaco esterno / ECO counter-frame flush with external plaster



Controtelaio ECO in posizione arretrata / ECO counter-frame in set-in position



CONTROTELAIO CON MATTONE SPORGENTE



02.1

COMBINATI ECOCOMB



COMBINATI

Ecomet realizza grate di sicurezza combinabili con persiane di varie tipologie ad 1 o 2 ante che ruotano sulla stessa cerniera, offrendo un prodotto funzionale e tecnologicamente avanzato.

ECOCOMB

Un prodotto funzionale, che riesce a combinare in modo sorprendente estetica e sicurezza. La grata di sicurezza **ECOCOMB** è realizzata con profili ed elementi in acciaio zincato, quali tondi, quadri, occhio bottato, in base al modello scelto. La finitura è con verniciatura a polveri poliestere, colori Ral ns. standard. L'esecuzione è solo **una o due ante apribili** in abbinamento con persiane o sportelloni in legno, alluminio, PVC.

L'apertura degli infissi può avvenire in un unico blocco o separatamente. L'infisso è completo di serratura di sicurezza a **tre punti** di chiusura con **gancio centrale**, di paletto superiore con **chiusura automatica** su anta semifissa, rostri antistrappo, cerniere avvitate e profili montanti con aletta di protezione a **triplice spessore 45/10**.

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COMBINED

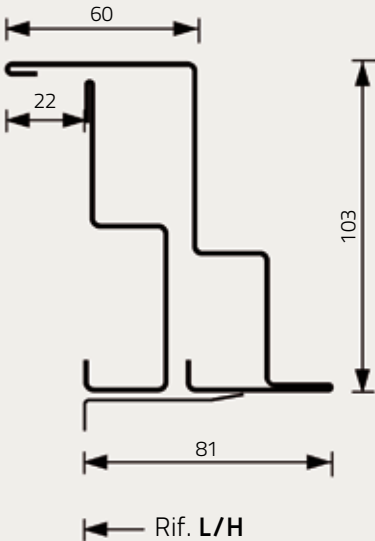
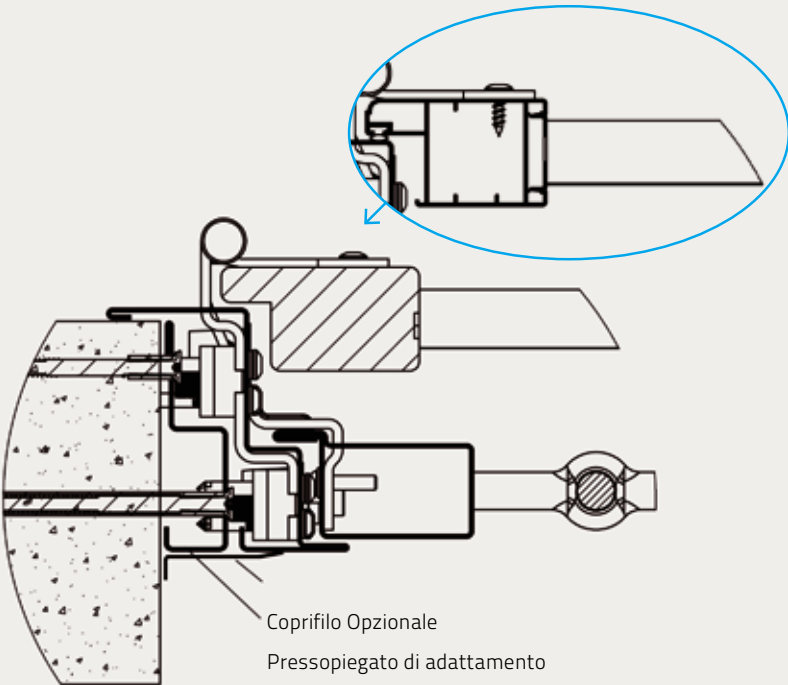
Ecomet produces security grates that can be combined with various types of shutters (1- or 2-leaf) that rotate on the same hinge, offering a functional and technologically-advanced product.

ECOCOMB

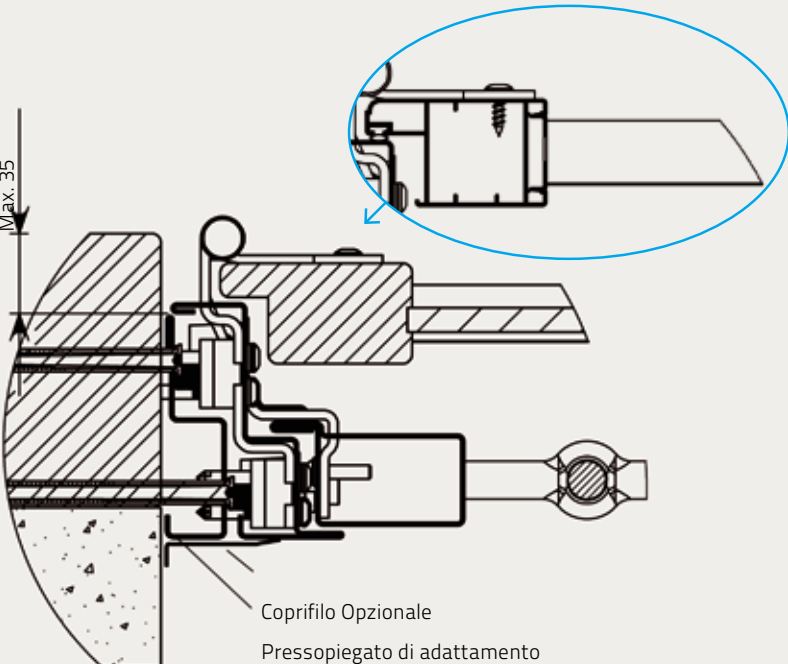
A functional product that surprisingly combines beauty and security. The **ECOCOMB** security grate is made with galvanized steel profiles and elements, such as round, square and eye bars, based on the model selected. The finish is polyester powder paint in our standard RAL colours. The versions are only **one or two openable leaves** in combination with slat or solid shutters

made of wood, aluminium and PVC. The fixture can open in a single block or separately and comes complete with security lock with **three closing points**, **centre hook**, upper bolt with **automatic closure** on the semi-fixed leaf, anti-forcing bolts and upright profiles with **triple-gauge 45/10** protection fin.

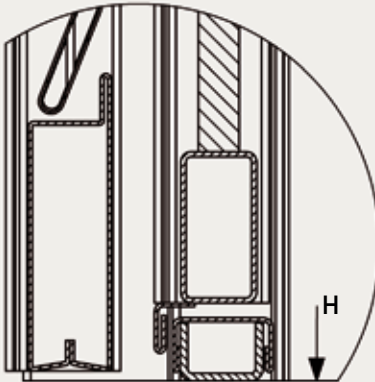
Telai filo muro esterno con copertura spigolo / Frames flush with the outside wall with edge cover



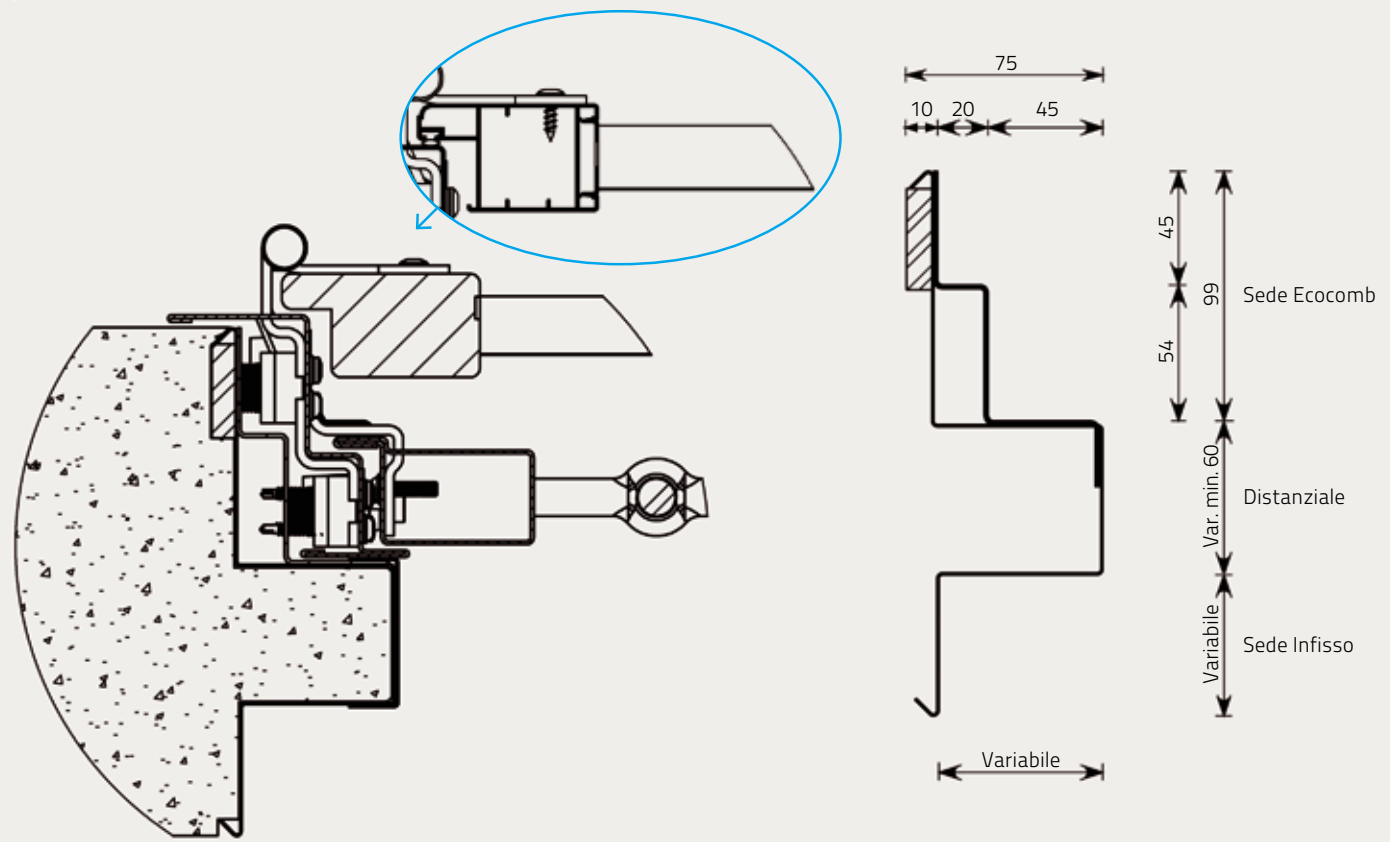
Telai arretrati applicati in luce / Set-in frames applied to openings



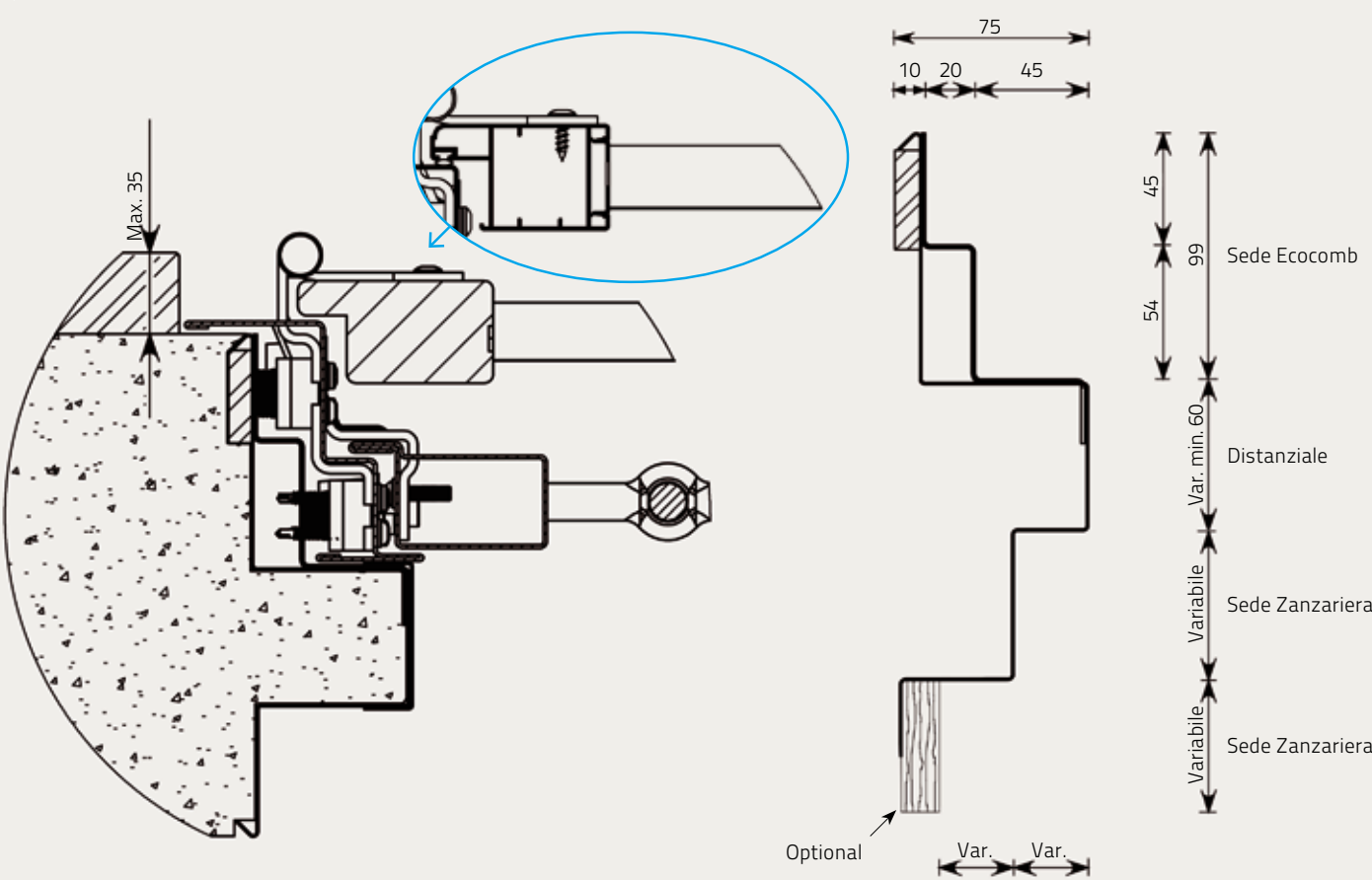
Soglia "C" Traverso inferiore presente su grata
 Type "C" sill lower crossbar on grate



Controtelaio Ecocombinato filo intonaco esterno / Ecocomb counter-frame flush with external plaster



Controtelaio Ecocombinato in posizione arretrata / Ecocomb counter-frame in set-in position



02.2

COMBINATI ECOPLUS

COMBINATI

Ecomet realizza persiane di sicurezza combinabili con grate di vari modelli ad 1 o 2 ante che ruotano sulla stessa cerniera, offrendo un prodotto funzionale e tecnologicamente avanzato.

ECOPLUS

Sistema a **doppio livello** di sicurezza e funzionalità, nell'ambito di un gradevole design. La **grata** è realizzata con profili ed elementi in acciaio zincato, quali tondi, quadri, occhio bottato in base al modello scelto ed è dotata di paletto superiore con **chiusura automatica** e di serratura con **doppio gancio dentato**. La **persiana** è costruita con profili di acciaio **altoresistenziale**, le canne ovali sono **conificate**, asolate ed attraversate da un **tondino**

in acciaio. La modularità dei montanti permette di avere sempre l'ovalina intera. L'esecuzione è solo **una o due ante apribili**. Caratteristiche comuni delle due componenti dell'infisso sono le serrature di sicurezza a tre punti di chiusura, i rostri antistrappo, le cerniere avvitate e i profili **montanti con aletta di protezione a triplice spessore 45/10**.

15



COMBINED

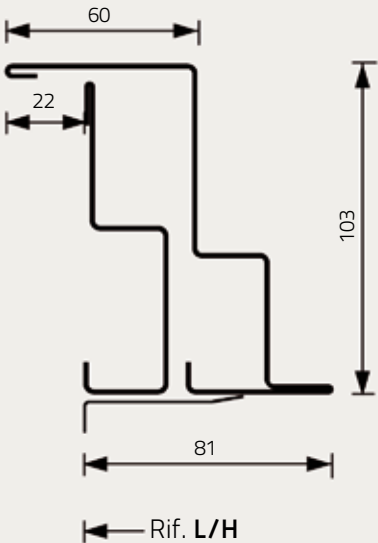
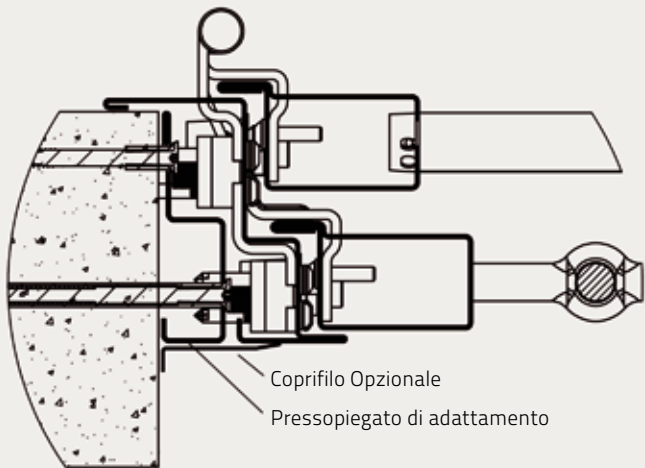
Ecomet produces security shutters that can be combined with various types of grates (1- or 2-leaf) that rotate on the same hinge, offering a functional and technologically-advanced product.

ECOPLUS

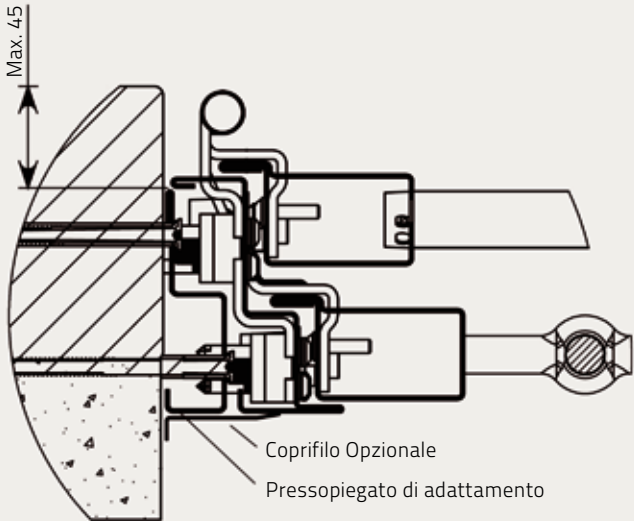
A system with a **double level** of security and functionality, in the context of a pleasant design. The **grate** is constructed with galvanized steel profiles and elements, such as round, square and eye bar, based on the model selected, and has an upper bolt with automatic closure and a lock with **double toothed hook**. The **shutter** is constructed with **high-strength** steel profiles, the oval tubes are **shaped into cones**, slotted and reinforced by **round**

steel bar. The modularity of the uprights allows always having full slats. The only versions are **one or two openable leaves**. The common characteristics of the two components of the fixture are the security locks with three closing points, anti-forcing bolts, screwed hinge and **upright profiles with triple-gauge 45/10** protection fin.

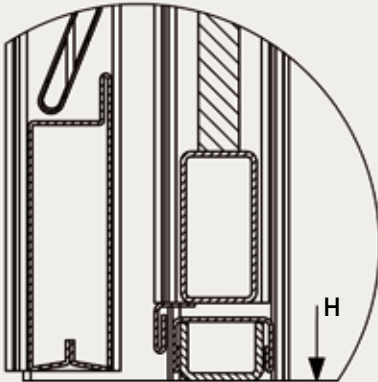
Telai filo muro esterno con copertura spigolo / Frames flush with the outside wall with edge cover



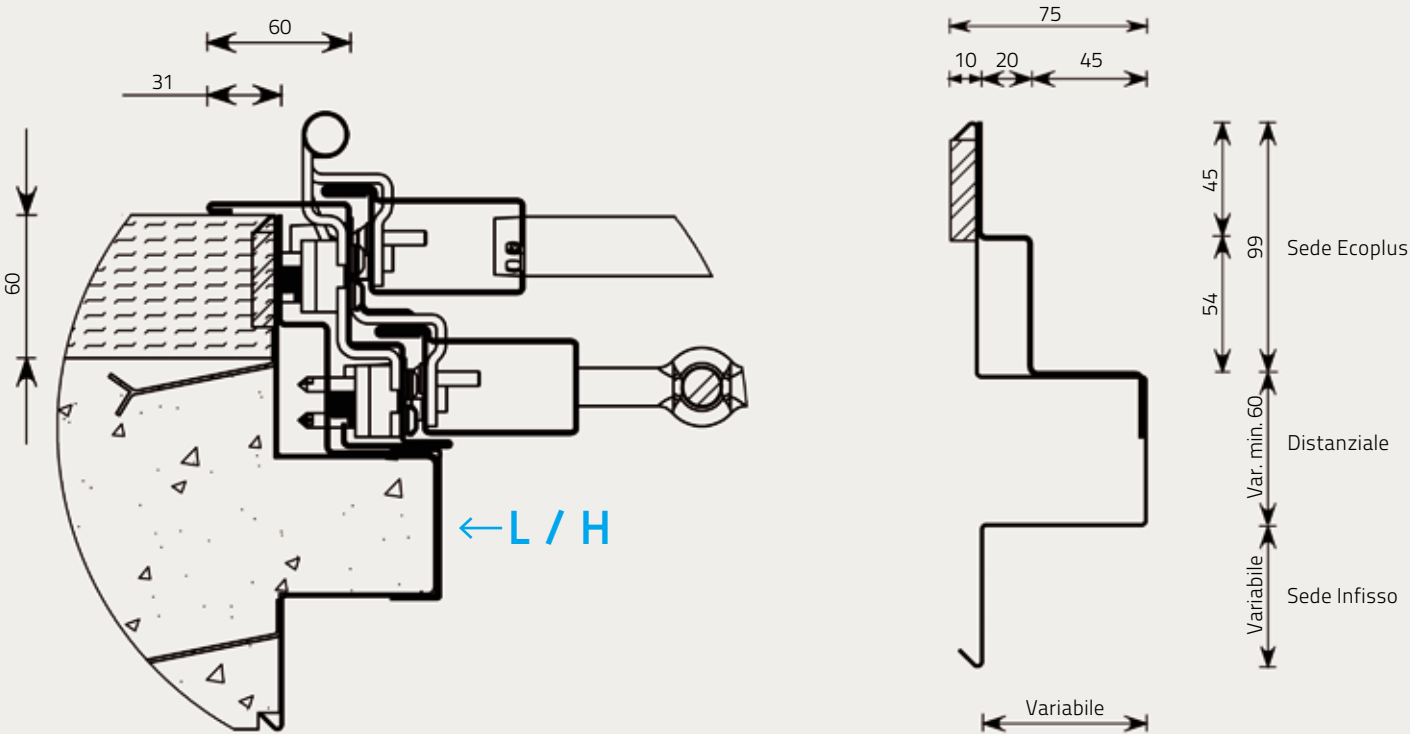
Telai arretrati applicati in luce / Set-in frames applied to openings



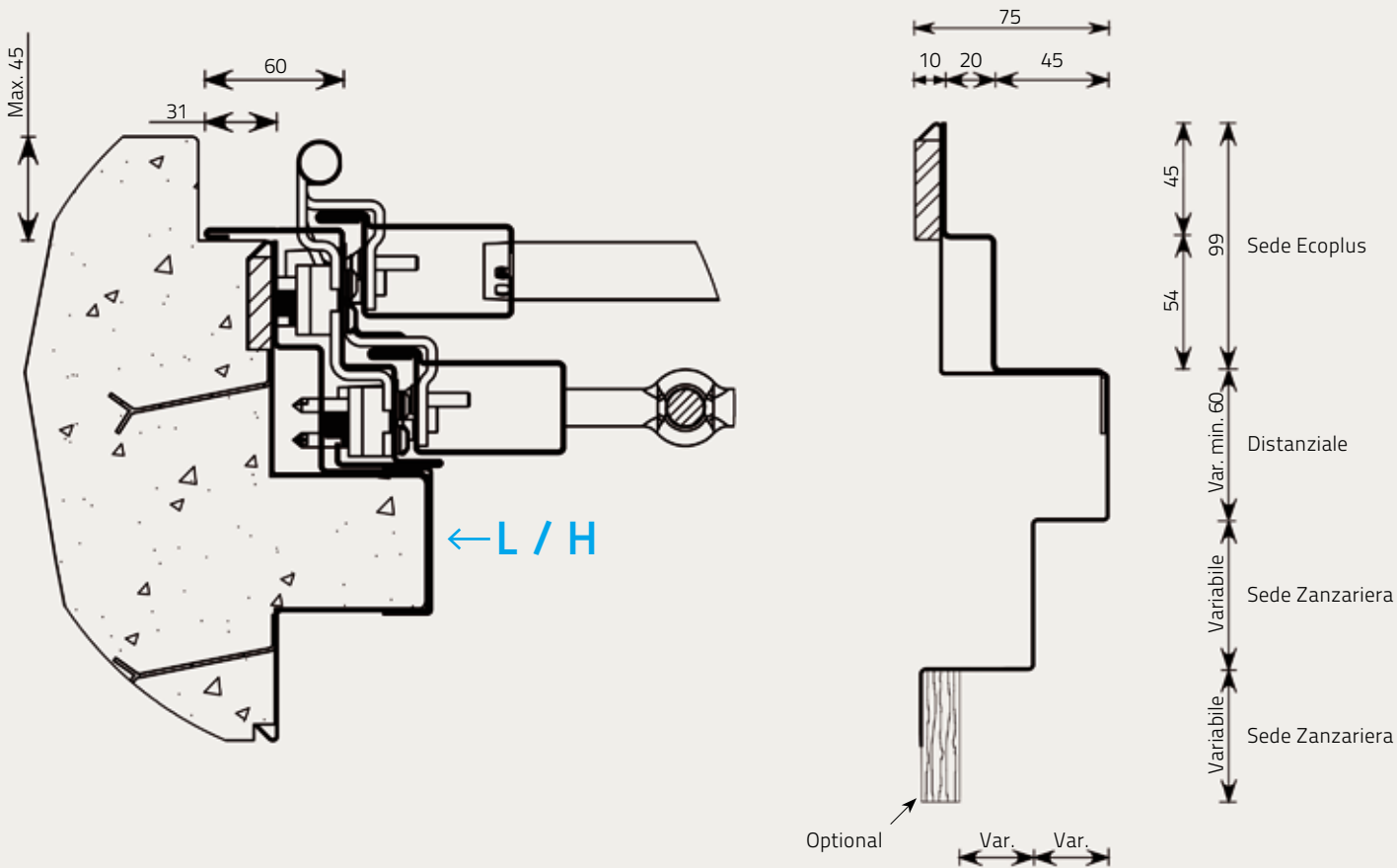
Soglia "C" Traverso inferiore presente su grata
 Type "C" sill lower crossbar on grate



Controtelaio Ecocombinato filo intonaco con cappotto esterno / Ecocomb counter-frame flush plaster with external coat



Controtelaio Ecocombinato in posizione arretrata / Ecocomb counter-frame in set-in position



03 GRATE DI SICUREZZA



GRATE DI SICUREZZA

Una moderna tecnologia a servizio di un prodotto antichissimo: questo è rappresentato dalla **grata di sicurezza** modello ECO, "Certificata Classe 3 antieffrazione" secondo la normativa UNI-ENV 1627 e relativi criteri di estendibilità geometrica. Realizzata con profili ed elementi in acciaio zincato, quali tondi, quadri, occhio bottato, il tutto a comporre la gamma dei nostri

modelli. Finitura con verniciatura a polveri poliestere, nei colori Ral ns. standard. Serratura di sicurezza a tre punti di chiusura completa di **gancio centrale**, paletto superiore con **chiusura automatica** su anta semifissa, rostri antistrappo, traverso inferiore e profili montanti con aletta di protezione a **triplice spessore 45/10**.

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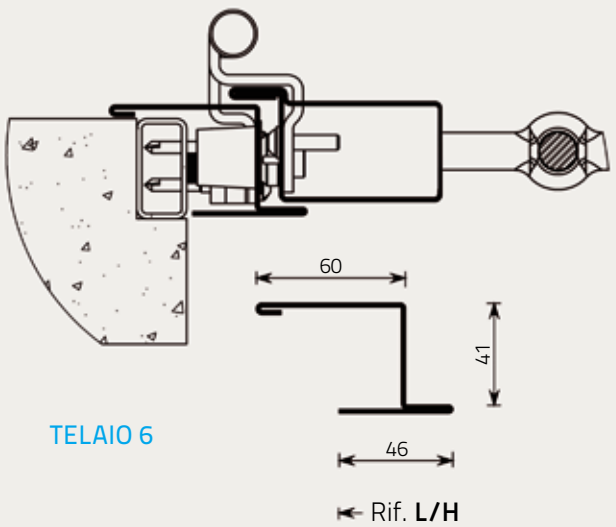
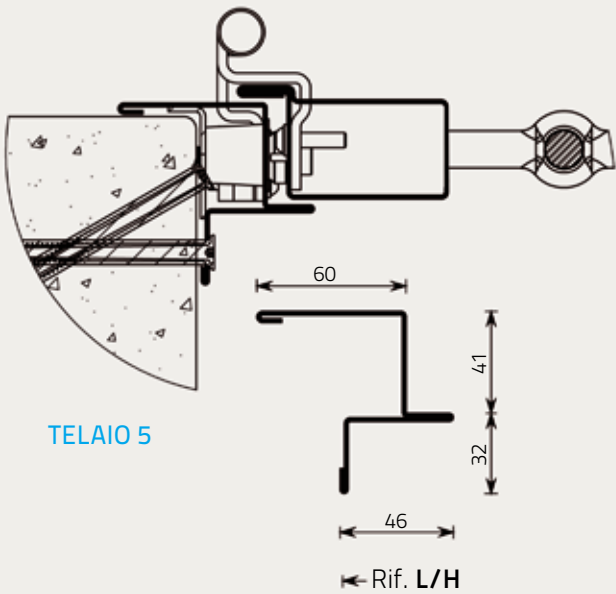


SECURITY GRATES

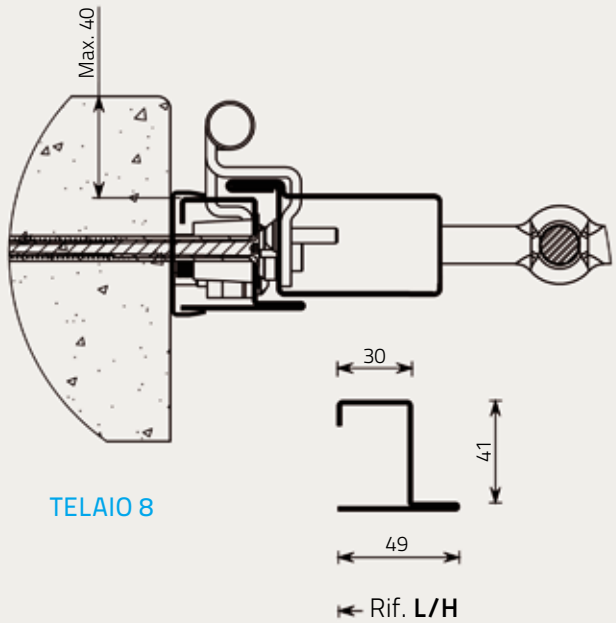
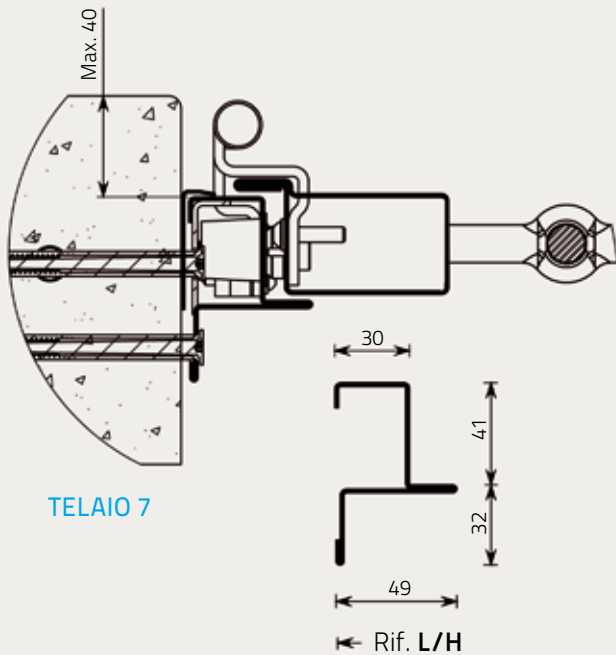
Modern technology at the service of a very ancient product: this is incorporated into ECO model **security gates**, **certified conforming** to "break-in class 3" under the UNI-ENV 1627 standard and related criteria of geometric extensibility. They are made with galvanized steel profiles and elements, such as round, square

and eye bar, to produce the range of our models. Finished with polyester powder paint in our standard RAL colours. Security lock with three closing points, centre hook, upper bolt with **automatic closure** on the semi-fixed leaf, anti-forcing bolts and upright profiles with **triple-gauge 45/10** protection fin.

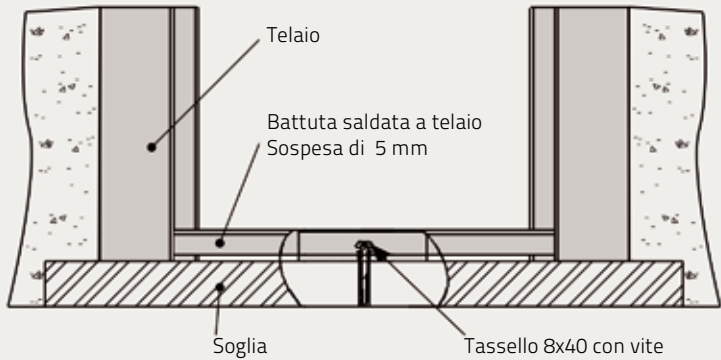
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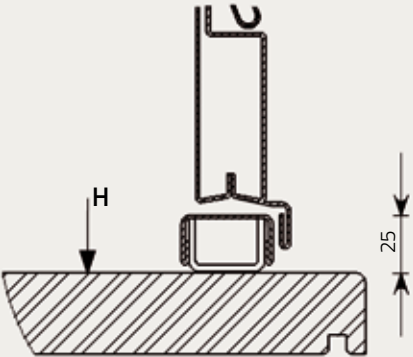
Telai arretrati applicati in luce / Set-in frames applied to openings



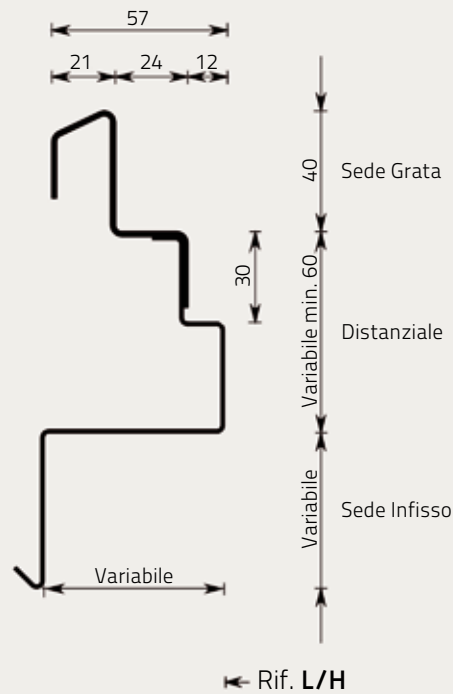
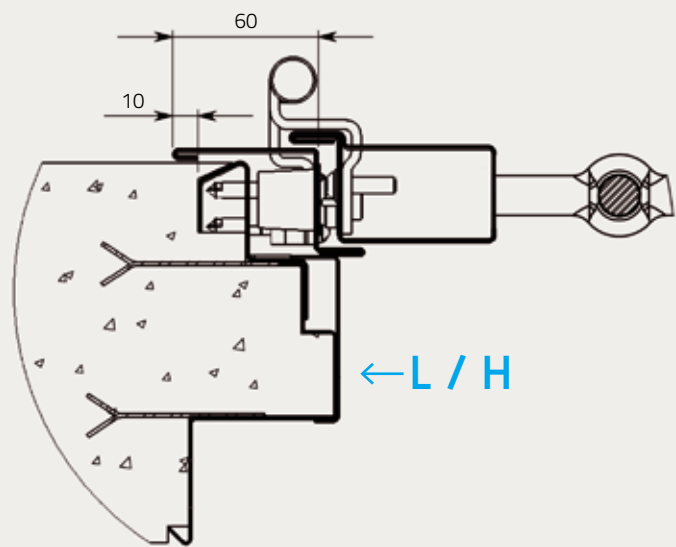
Fissaggio centrale soglia "C" / Centre type "C" fastening



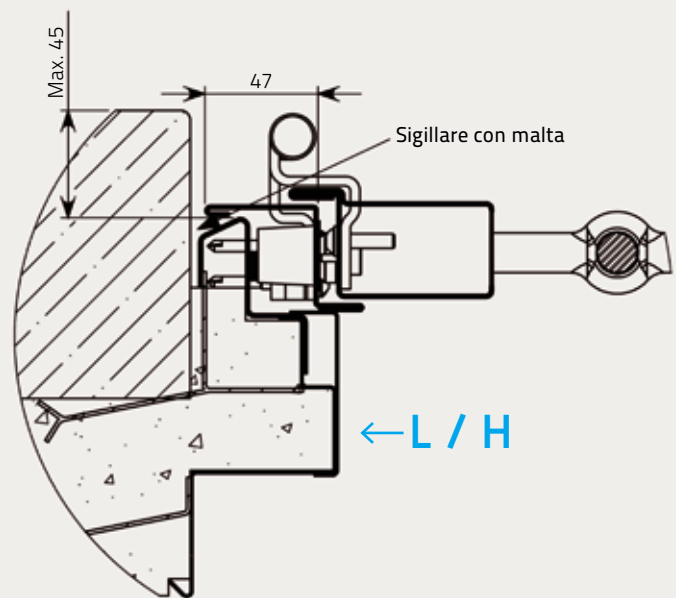
Soglia "C" Traverso inferiore / Type "C" sill lower crossbar



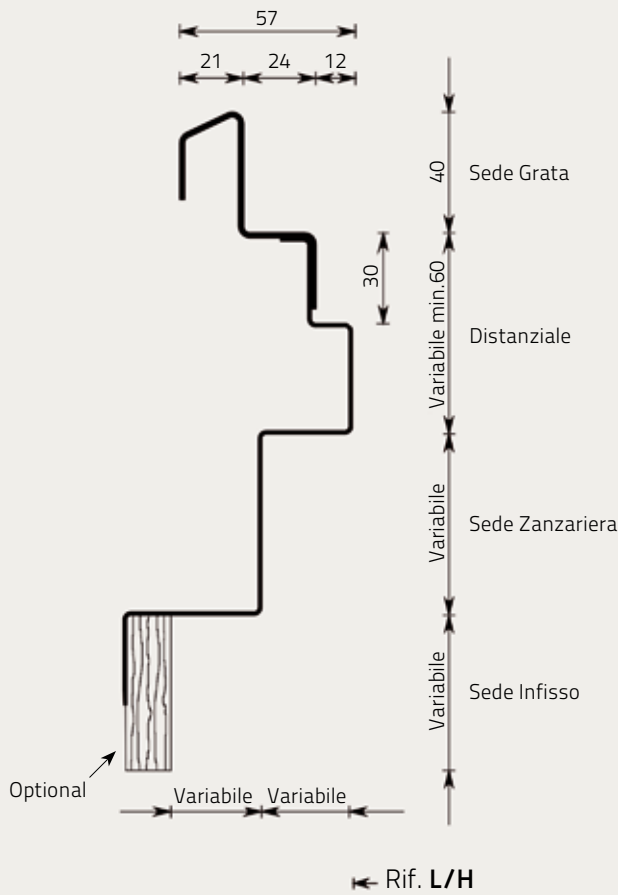
Controtelaio ECO filo intonaco esterno / ECO counter-frame flush with external plaster

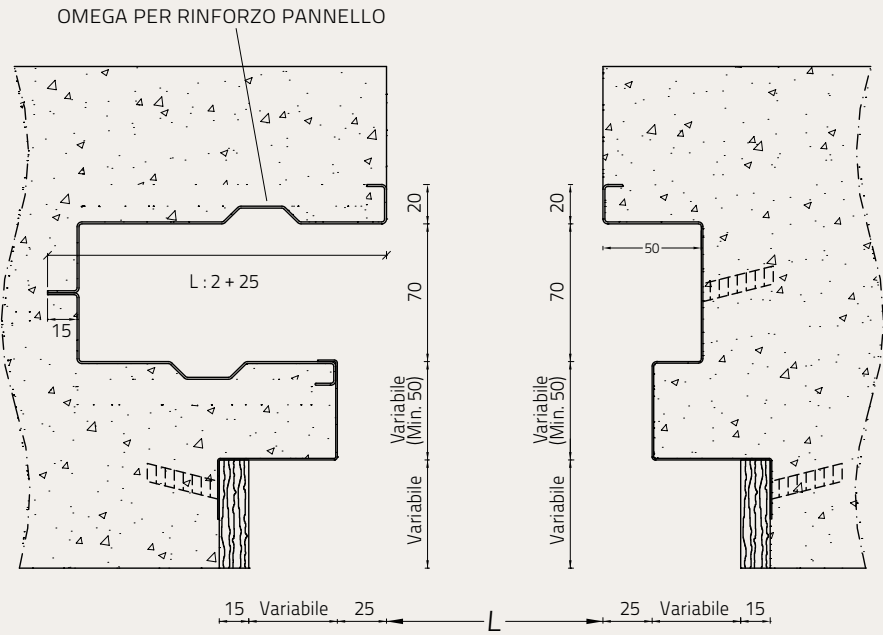
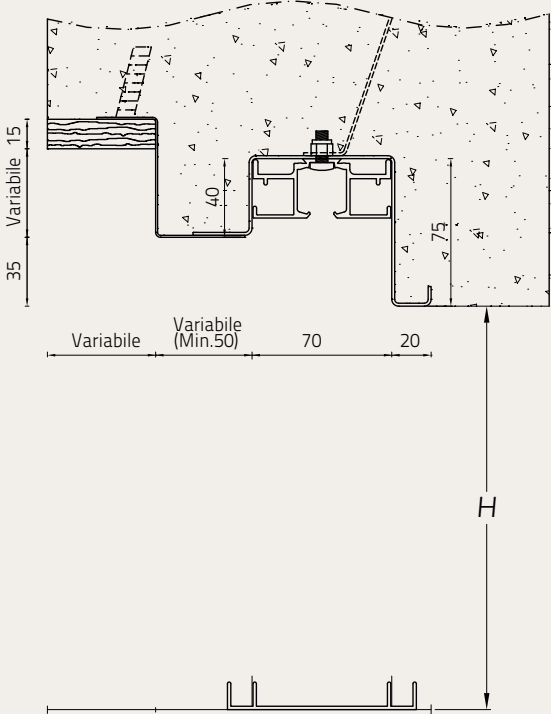
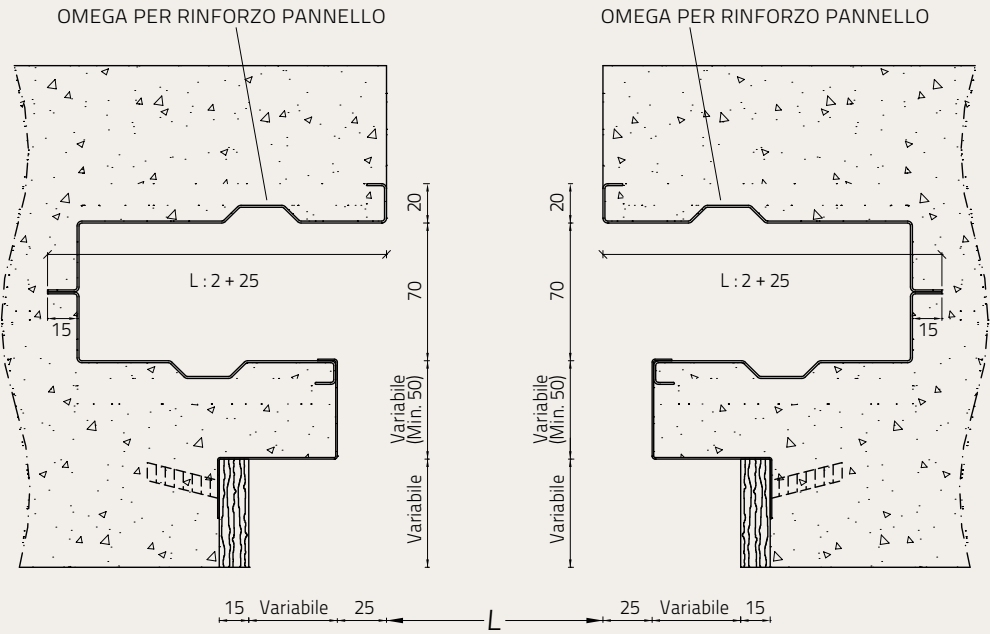


Controtelaio ECO in posizione arretrata / ECO counter-frame in set-in position

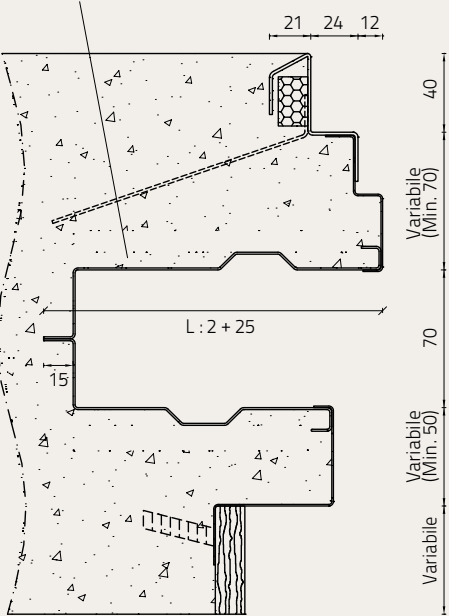


CONTROTELAIO CON MATTONE SPORGENTE

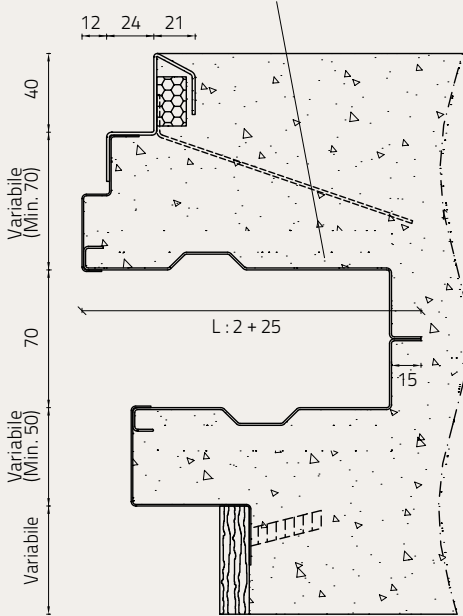




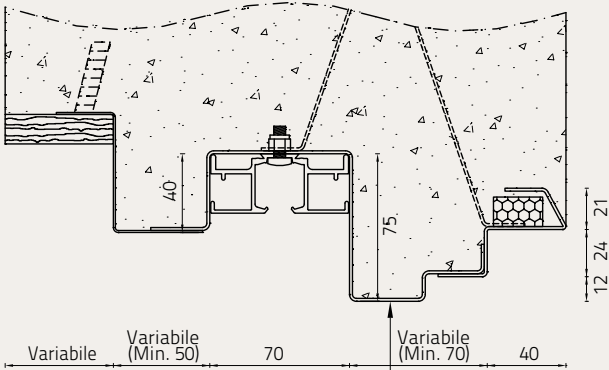
OMEGA PER RINFORZO PANNELLO



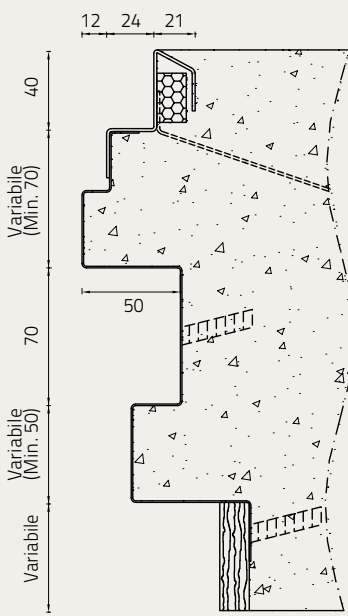
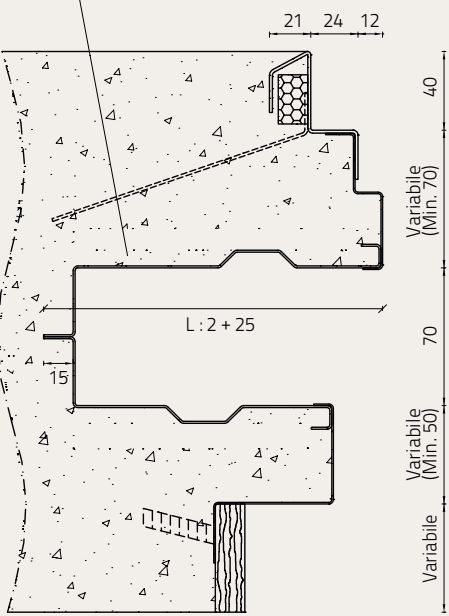
OMEGA PER RINFORZO PANNELLO



15 Variabile 25 L 25 Variabile

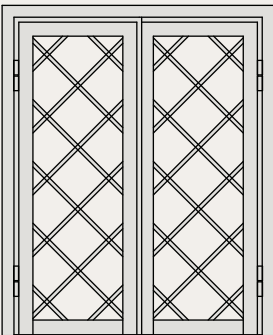


OMEGA PER RINFORZO PANNELLO

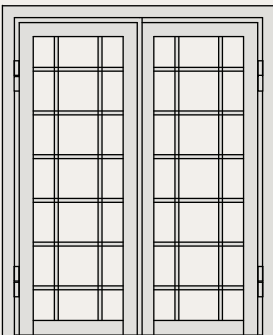


15 Variabile 25 L 25 Variabile

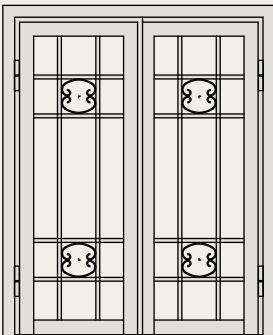
Occhio bottato ø 16mm / Eye bar ø 16mm



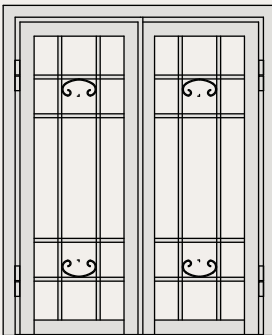
Modello "1" (Passo 180)



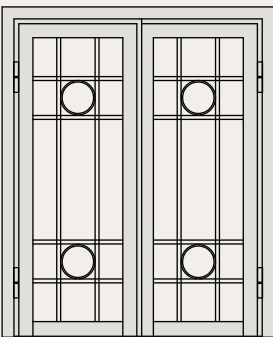
Modello "2" (Passo 180)



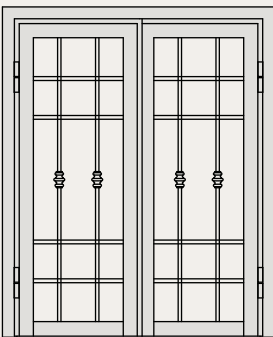
Modello "3" (Passo 160)



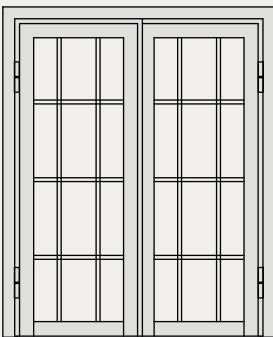
Modello "4" (Passo 160)



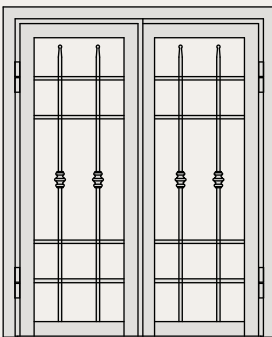
Modello "5" (Passo 160)



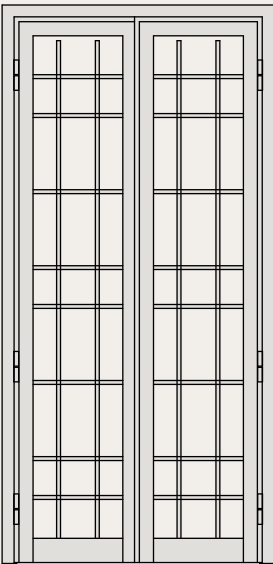
Modello "6" (Passo 160)



Modello "7" (Passo 160)



Modello "18" (Passo 160)

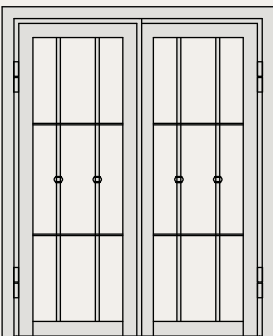


Grata per portafinestra
Modello "12" (Passo 160)

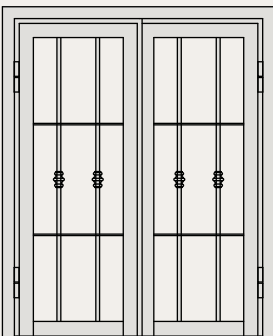
Le grate illustrate sono esplicative di una sola dimensione, di conseguenza in fase realizzativa i vari modelli verranno riproporzionati in relazione alle reali misure, secondo i seguenti principi base di progettazione.
Massimo spazio libero all'interno della maglia 720 cmq. Nei modelli 3 / 4 / 5 vi è una doppia fila orizzontale di fregi per le finestre e due per le porte finestre.
Quanto detto può venire meno in condizioni particolari di altezza e ove non si riesca a rispettare il parametro di 720 cm². o l'uniformità di posizionamento della prima ed ultima barra orizzontale.

The grates shown are a single size but, during production, they will be adjusted to the real measurements according to the design principles that follow.
Maximum free space inside the grid of 720 cm². Models 3, 4 and 5 have a double horizontal row of decorations for windows and two for glazed doors.
This may not be possible with particular heights where the 720 cm² parameter, or the positioning of the first and last horizontal bar, cannot be satisfied.

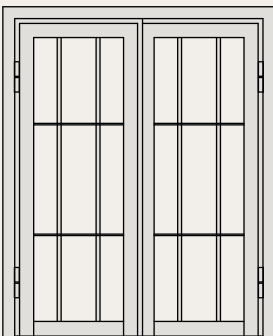
Piatto orizzontale - Tondo verticale ø16mm / Flat horizontal - Round vertical ø16mm



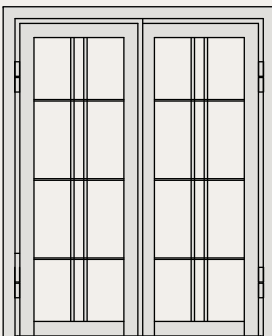
Modello "31" (Passo 160)



Modello "36" (Passo 160)



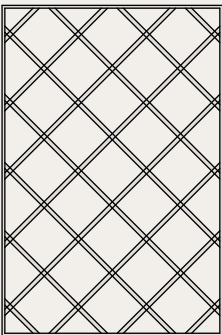
Modello "37" (Passo 160)



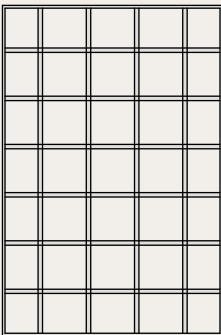
Modello "20"

Piatto orizzontale
Quadro verticale 14mm
Flat horizontal
Square vertical 14mm

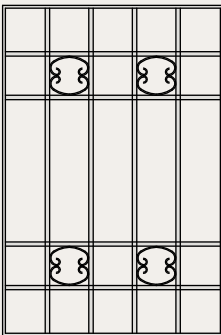
Occhio bottato ø 16mm / Eye bar ø 16mm



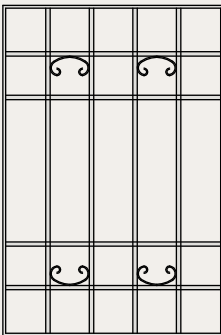
Modello "1" (Passo 180)



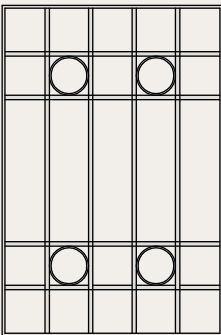
Modello "2" (Passo 180)



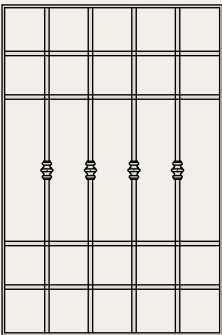
Modello "3" (Passo 160)



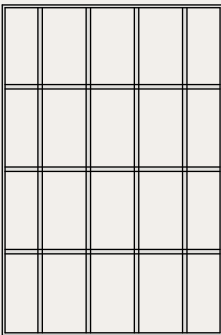
Modello "4" (Passo 160)



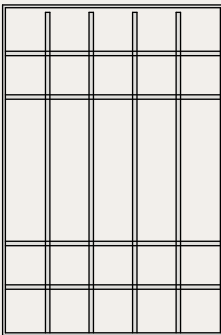
Modello "5" (Passo 160)



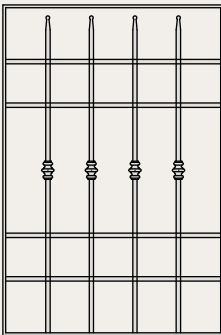
Modello "6" (Passo 160)



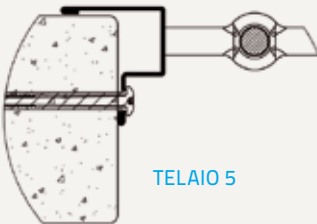
Modello "7" (Passo 160)



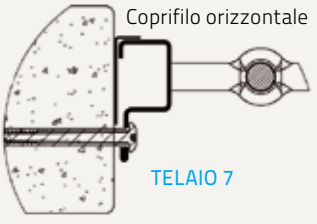
Modello "12" (Passo 160)



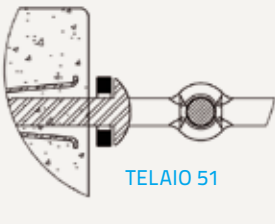
Modello "18" (Passo 160)



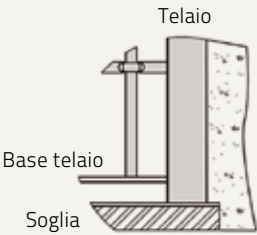
TELAIO 5



TELAIO 7



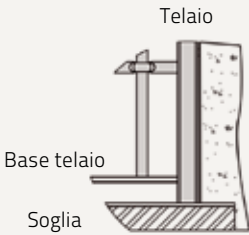
TELAIO 51



Telaio

Base telaio

Soglia



Telaio

Base telaio

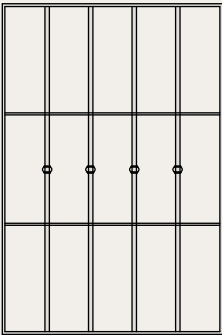
Soglia



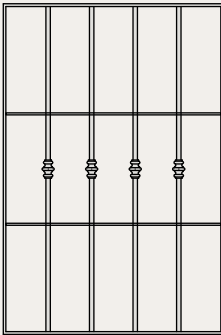
Piatto perimetrale

Soglia

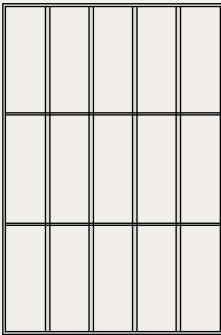
Piatto orizzontale - Tondo verticale ø16mm / Flat horizontal - Round vertical ø16mm



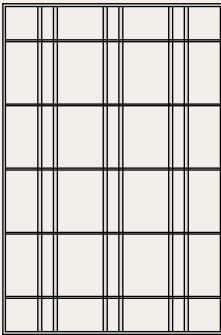
Modello "31" (Passo 160)



Modello "36" (Passo 160)



Modello "37" (Passo 160)



Modello "20"

Piatto orizzontale Quadro verticale 14mm / Flat horizontal Square vertical 14mm



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