

Ekotech Alum



UN NUOVO PROGETTO **DGT SRL**

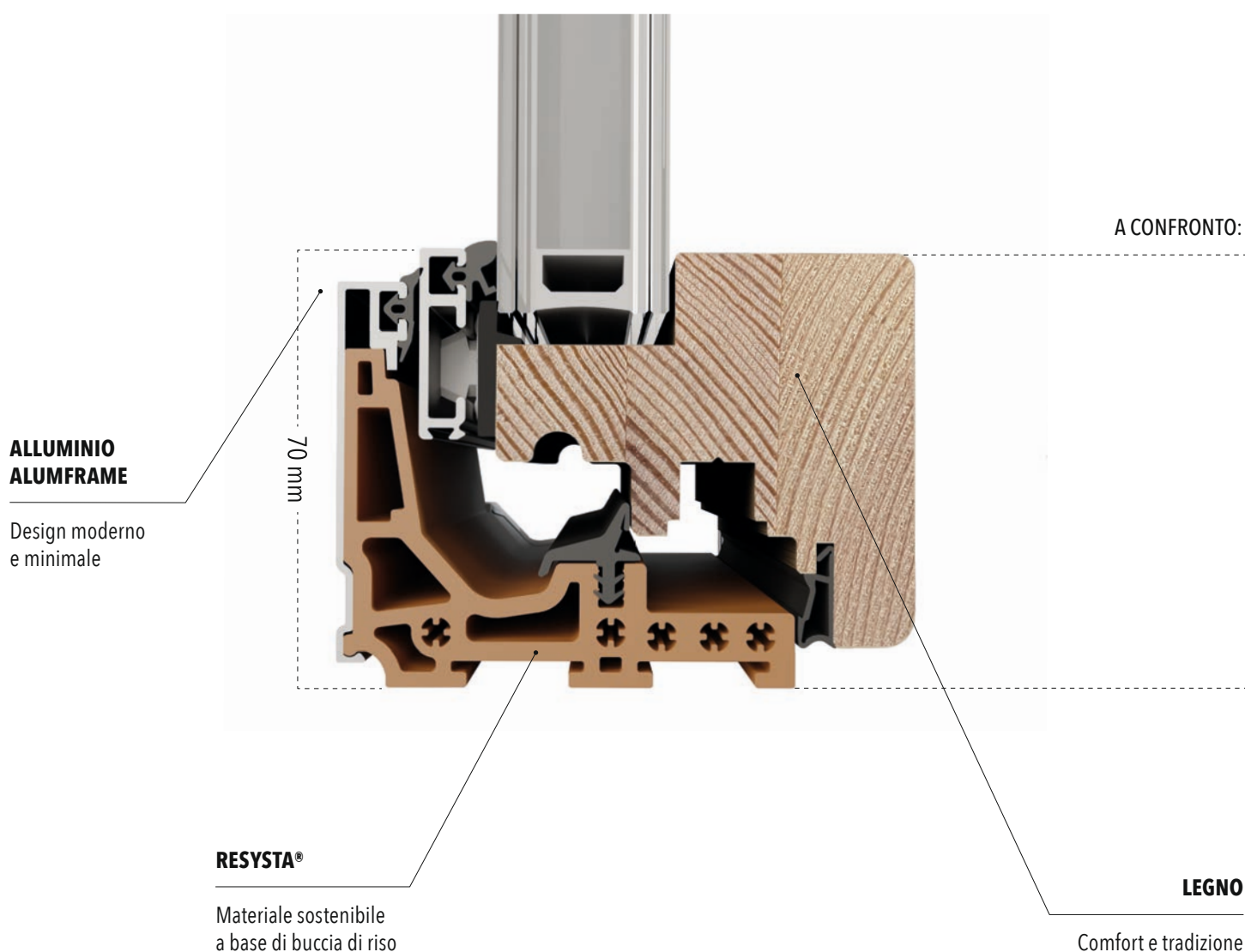
ALUMFRAME

EKOTECH

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Ekotech: più luce alla casa, più spazio alla luce

Legno, Resysta® e alluminio Alumframe: dall'unione di questi tre materiali nasce Ekotech, il nuovo concept di serramento ecologico e minimale, realizzato con il telaio a base di buccia di riso. Ekotech è un prodotto innovativo realizzato e brevettato da DGT srl.

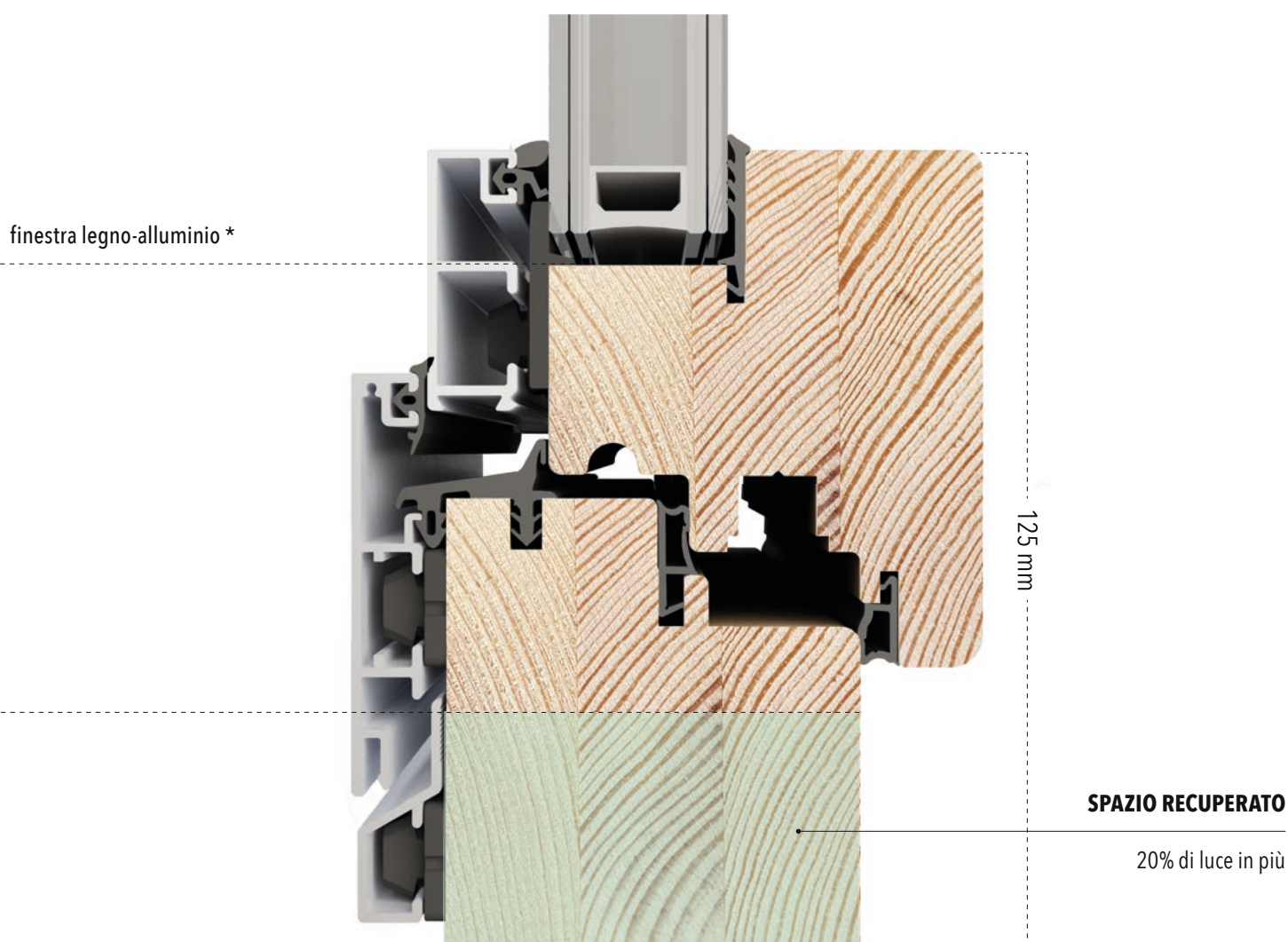


MINIMA MANUTENZIONE DEL SERRAMENTO

L'alluminio esterno conferisce un'ulteriore protezione contro gli agenti atmosferici, umidità, raggi UV, acqua, raggi UV, funghi e parassiti.

Con il nodo totale ridotto a 70mm, Ekotech offre circa il **20% in più di luce** agli ambienti interni rispetto alle finestre in legno-alluminio tradizionali: minimo ingombro, massime prestazioni termiche, senza rinunciare a un design minimale e moderno.

Ekotech è progettato per rispettare l'ambiente e con un'attenzione verso la sostenibilità: ogni materiale che compone l'infisso può essere riciclato al 100% per **ridurre al minimo gli sprechi** e garantire il riuso circolare della materia prima.

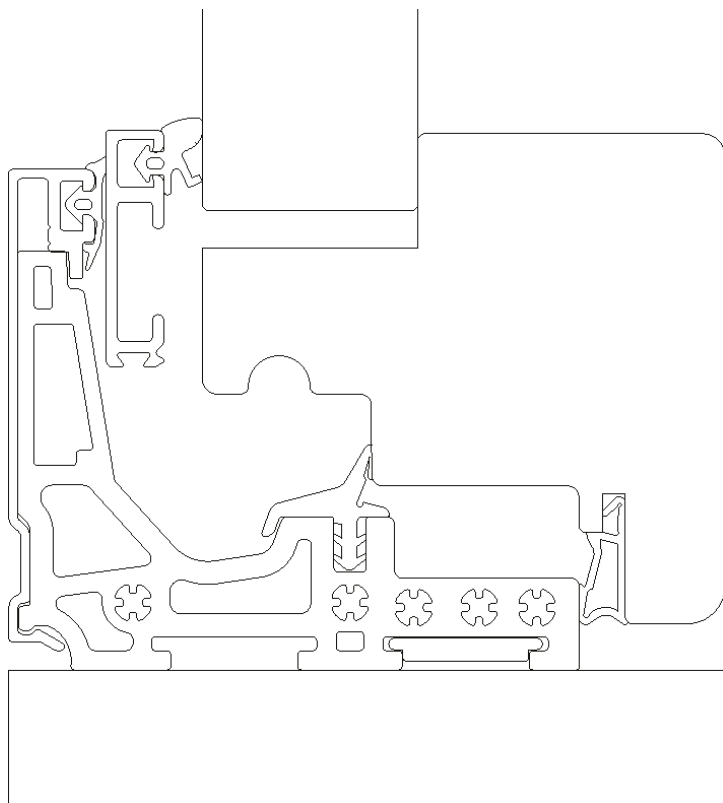


* Alumfast Standard.

DESCRIZIONE DEL CAMPIONE	Finestra a due ante con apertura verso l'interno per l'anta che riceve e oscillobattente per l'anta che batte.	
DIMENSIONI	Esterno telaio: 1600x1600mm Esterno ante battente e ricevente: 807x1588mm Area: 2,56 mq Perimetro apribile: 7,992 m	
RAPPORTO DI PROVA	n. 3397/25 emesso in data 23/05/2025	
LUOGO DI ESECUZIONE DELLE PROVE	t ² i - trasferimento tecnologico e innovazione s.c.a r.l. via Zuccherificio, 38/A - 45100 Rovigo (RO)	
NORMA DI MARCATURA CE	EN 14351-1 SAC-3	
MATERIALI	Legno: pino lamellare lista intera Alluminio: alluminio DGT s.r.l. Gocciolatoio: RT73.01 "Resysta" Guarnizioni: DGT GC610 (continua su tutto il perimetro, posta sull'anta), GA605, GT152, GA215, GC512 (sul montante centrale) e GA410 sul telaio Verniciatura: ciclo di verniciatura a base acqua Incollanti: colla vinilica D3	
VETROCAMERA	4 / 16 / 44.1	
CLASSIFICAZIONE DEL CAMPIONE	EN 12207:2016 - Finestre e porte - Permeabilità all'aria EN 12208:1999 - Finestre e porte - Tenuta all'acqua EN 12210:2016 - Finestre e porte - Resistenza al carico del vento EN 13049:2003 - Urto da corpo molle e pesante	CLASSE 4 CLASSE E1200 CLASSE C4 CLASSE 5

DESCRIZIONE DEL CAMPIONE	Porta a due ante con apertura verso l'interno per l'anta che riceve e oscillobattente per l'anta che batte.	
DIMENSIONI	Esterno telaio: 1800x2500mm Esterno ante battente e ricevente: 907x2488mm Area: 4,5 mq Perimetro apribile: 9,278 m	
RAPPORTO DI PROVA	n. 3399/25 emesso in data 23/05/2025	
LUOGO DI ESECUZIONE DELLE PROVE	t ² i - trasferimento tecnologico e innovazione s.c.a r.l. via Zuccherificio, 38/A - 45100 Rovigo (RO)	
NORMA DI MARCATURA CE	EN 14351-1 SAC-3	
MATERIALI	Legno: pino lamellare lista intera Alluminio: alluminio DGT s.r.l. Gocciolatoio: RT73.01 "Resysta" Guarnizioni: DGT GC610 (continua su tutto il perimetro, posta sull'anta), GA605, GT152, GA215, GC512 (sul montante centrale e sulla soglia), GA919 sulla soglia e GA410 sul telaio. Verniciatura: ciclo di verniciatura a base acqua Incollanti: colla vinilica D3	
VETROCAMERA	4 / 20 / 4	
CLASSIFICAZIONE DEL CAMPIONE	EN 12207:2016 - Finestre e porte - Permeabilità all'aria EN 12208:1999 - Finestre e porte - Tenuta all'acqua EN 12210:2016 - Finestre e porte - Resistenza al carico del vento	CLASSE 4 CLASSE 9A CLASSE C3

I dati riportati sono estratti dal RDP.PRO.N rev. 15 - 2024-10-30 e si riferiscono esclusivamente al campione provato.



ARIA 4
ACQUA E1200
VENTO C4

VALORE DI TRASMITTANZA TERMICA 1.6 W/m²K
 Calcolato con legno duro

VALORE DI TRASMITTANZA TERMICA 1.4 W/m²K
 Camera calda legno tenero

VALORE DI TRASMITTANZA TERMICA 1.3 W/m²K
 Camera calda legno molto tenero

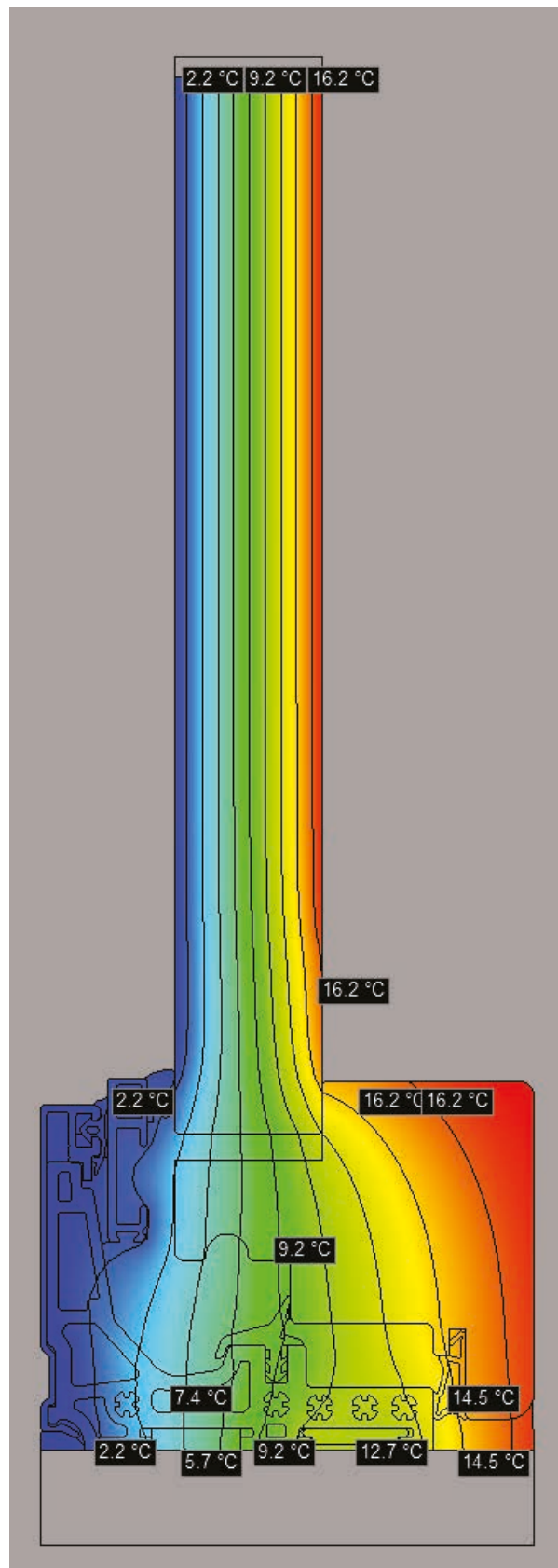
VALORE DI TRASMITTANZA TERMICA
 Finestra 1 anta 1230x1480 mm

Vetro con Ug = 0.7 con canalina calda da 0.04 W/(mK)

Legno duro 1.01 W/(m²K)

Legno tenero 0.97 W/(m²K)

Legno molto tenero 0.95 W/(m²K)



Ekotech: personalizza la tua finestra

Ekotech è altamente personalizzabile nella scelta delle finiture, sia del telaio in Resysta® che dei profili in alluminio Alumframe, grazie alla gamma di colori pensati per adattarsi a ogni stile di design.



Il telaio in Resysta® è disponibile in finiture standard: naturale, grigio antracite, grigio chiaro e bianco pellicolato.

FINITURE RESYSTA®



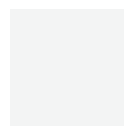
NATURALE



GRIGIO ANTRACITE



GRIGIO CHIARO

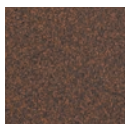


BIANCO

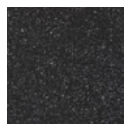
FINITURE ALUMINIO SPECIALI



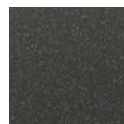
BRONZO OPACO



CORTEN



GRIGIO MIC



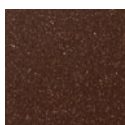
GRIGIO MARMO OPACO



GRIGIO RAGG. MET. RUVIDO



RAL 9007 RUVIDO



MARRONE MARMO



RUGGINE

FINITURE ALUMINIO DECORATO LEGNO



A-12-R



A-19-R



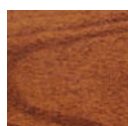
A-34-R 3D



A-7-R



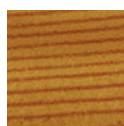
CILIEGIO 15/Z/G



CILIEGIO S-S



CILIEGIO H



DOUGLASH-G



LARICE CASTANO



LARICE AMBRATO



LARICE CHIARO



NOCE 10/L/G



PINO U-G



RENOLIT CHIARO



ROVERE SBIANCATO PV

FINITURE ALUMINIO RAL



RAL 1013 OPACO/RUVIDO



RAL 1035 OPACO



RAL 3005 OPACO



RAL 6005 OPACO/RUVIDO



RAL 7016 OPACO/RUVIDO



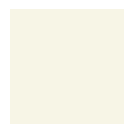
RAL 7035 OPACO/RUVIDO



RAL 8017 OPACO/RUVIDO



RAL 8019 OPACO



RAL 9001 OPACO/RUVIDO



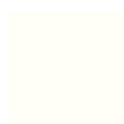
RAL 9005 OPACO/RUVIDO



RAL 9006 OPACO/RUVIDO



RAL 9007 OPACO



RAL 9010 OPACO/RUVIDO



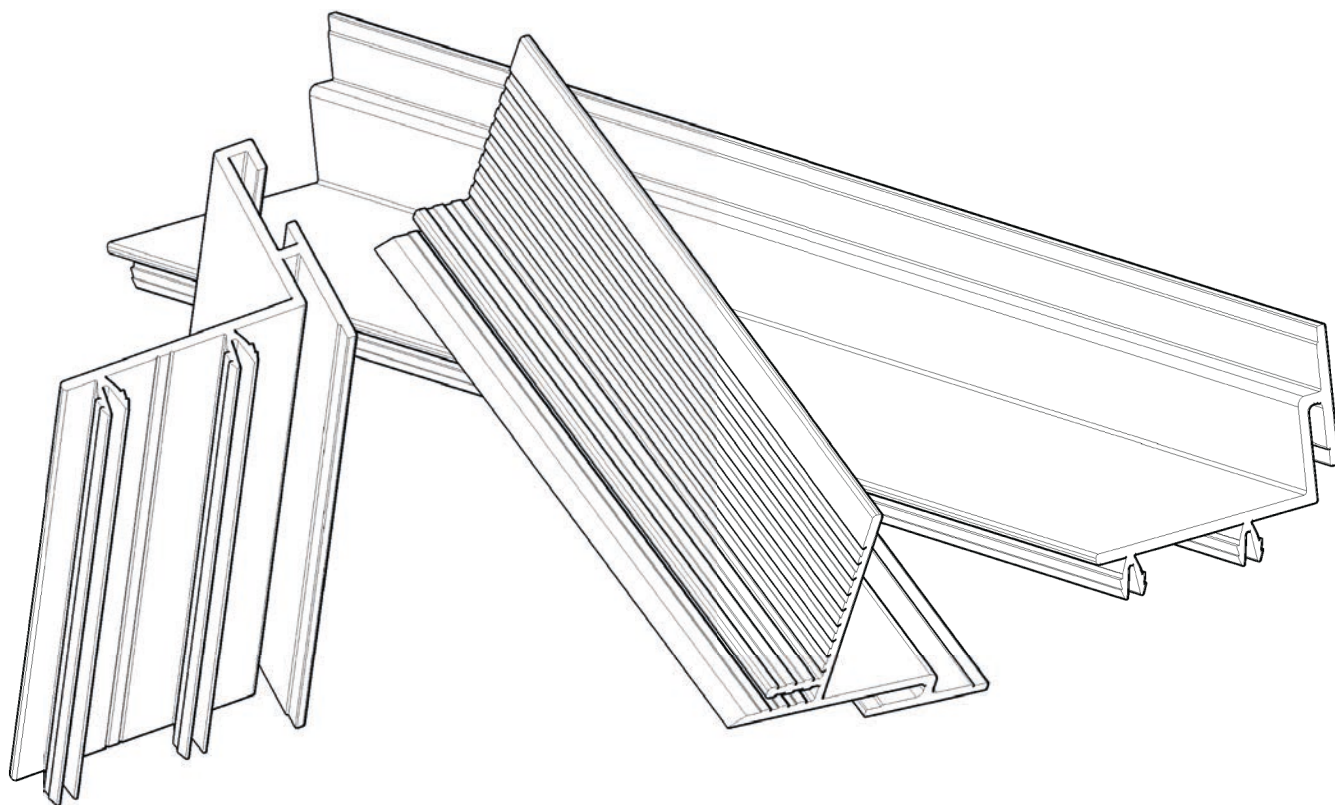
RAL 9016 OPACO

Ekotech: una soluzione per ogni esigenza

Il serramento Ekotech può essere installato sia in caso di ristrutturazione edilizia e di restauro, che nelle nuove costruzioni, adattandosi a **ogni condizione di posa**, favorendo il guadagno di prestazioni termiche e di luce.

Progettato per essere abbinato a vari modelli di profili di posa, consente di essere fissato su vecchi telai preesistenti, **riducendo** quasi del tutto **le opere murarie**, o di essere integrato totalmente nella muratura.

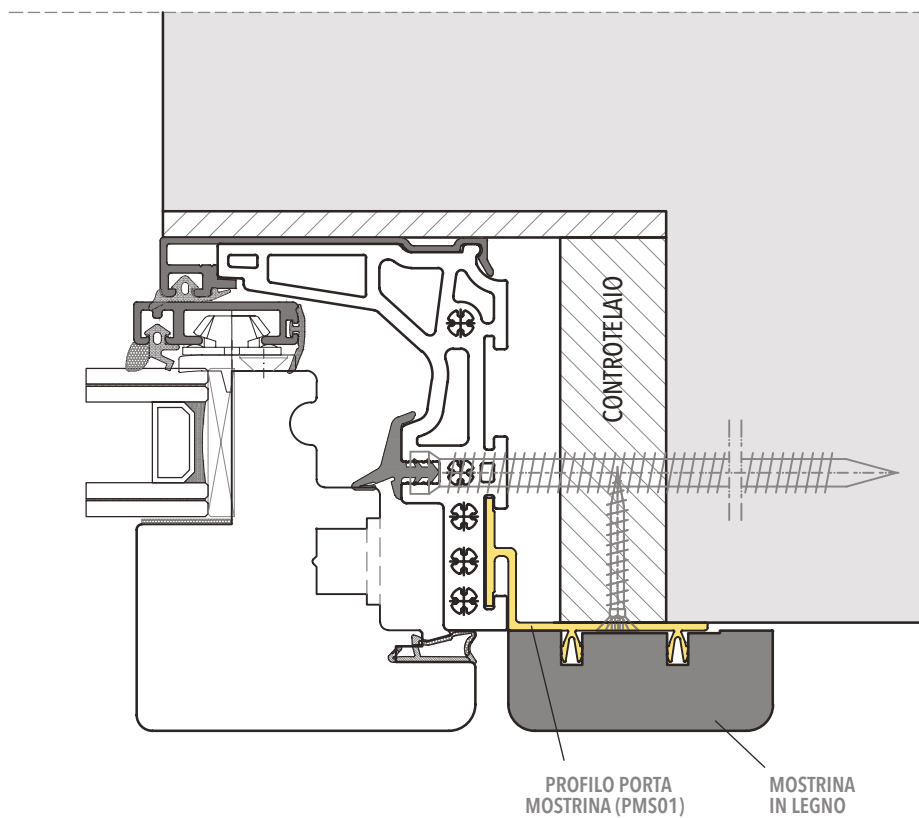
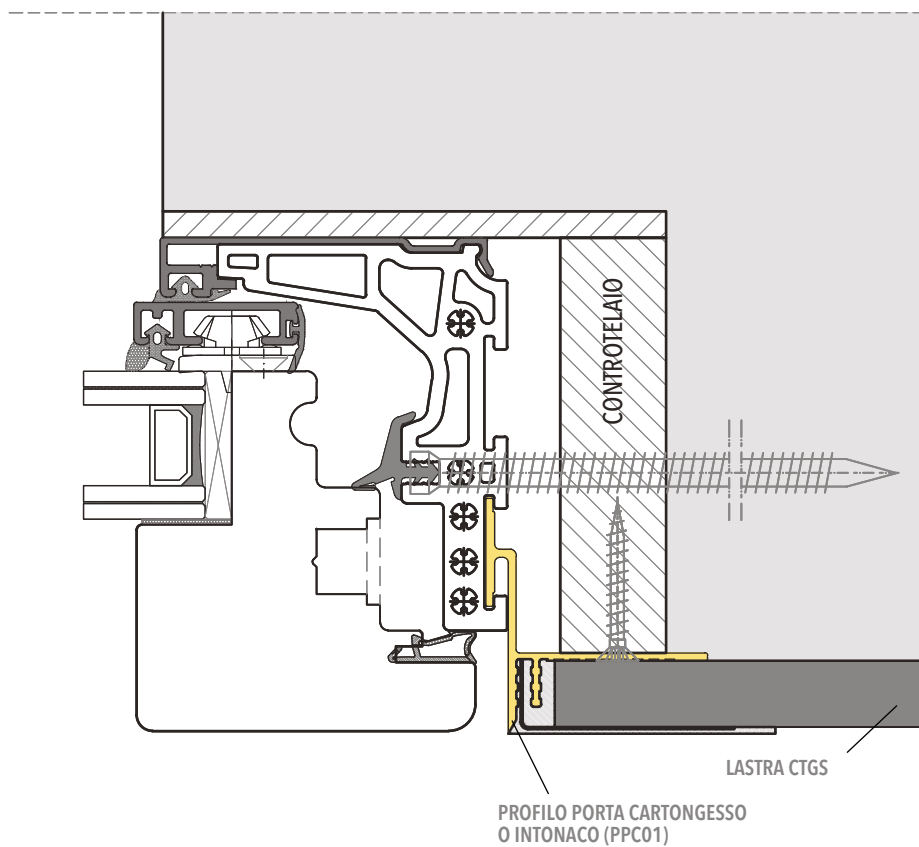
In questo ultimo caso **la luce in entrata aumenta**, a favore di un ambiente più luminoso di circa il 20%, lasciando godere all'interno della bellezza e del calore della sola anta in legno; all'esterno, la superficie vetrata dona alla facciata una resa visiva straordinaria ed elegante.

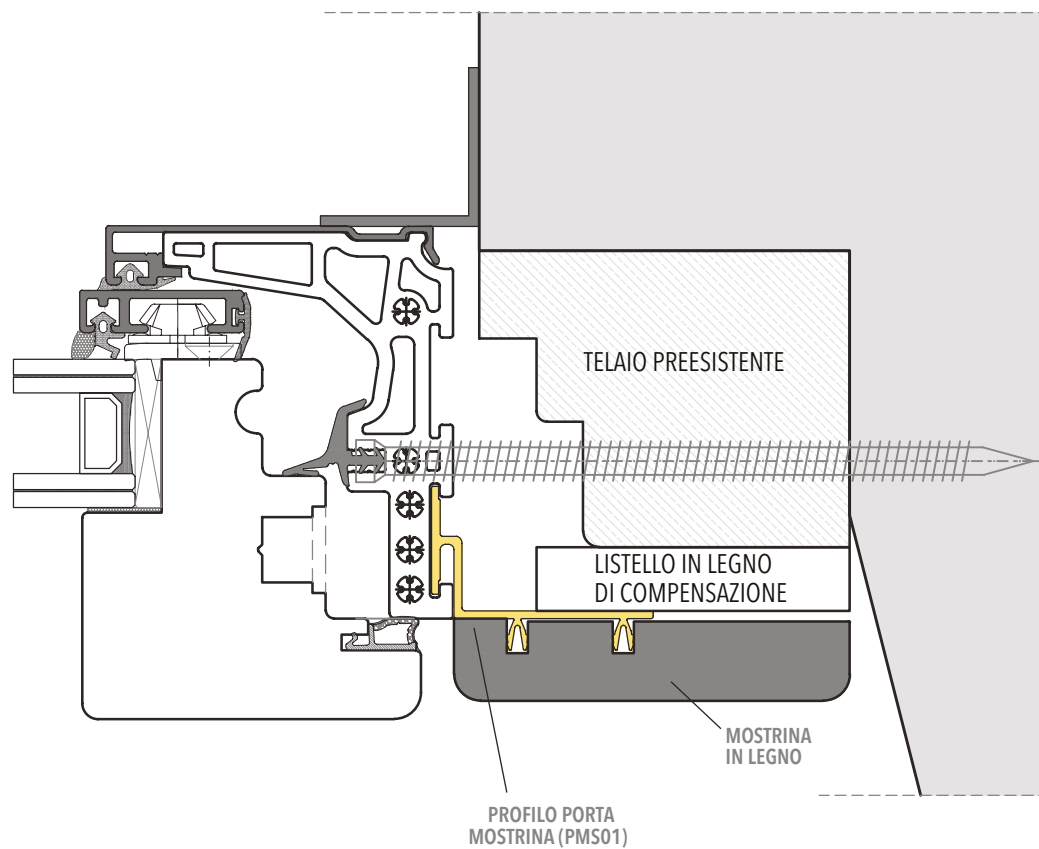
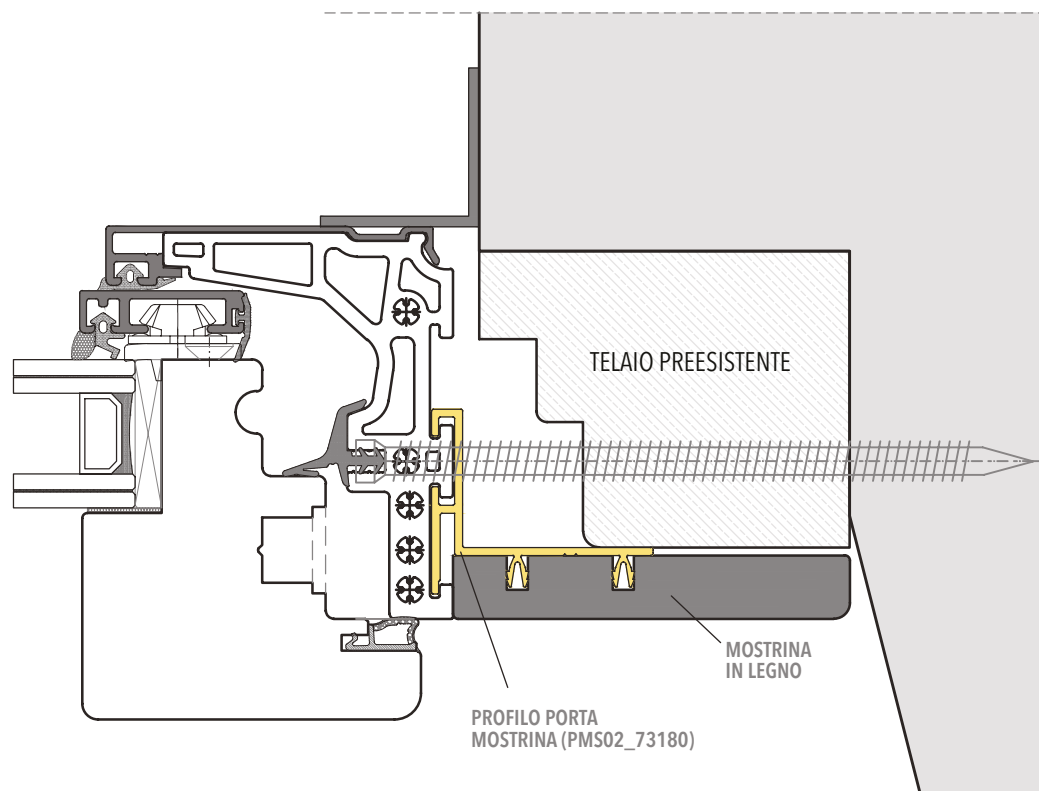


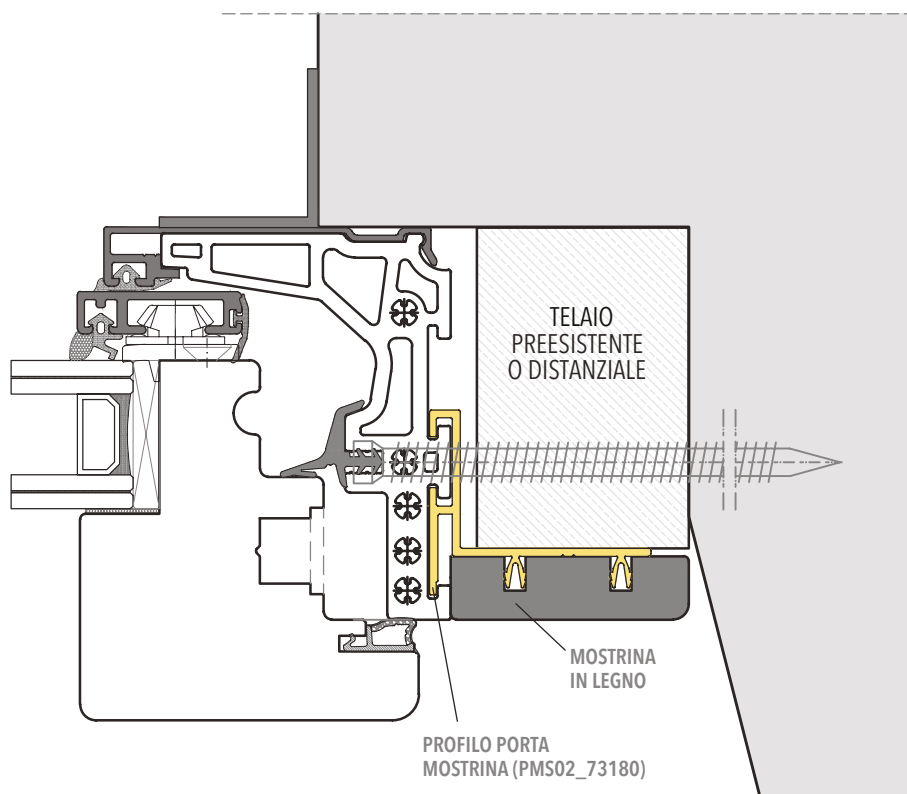
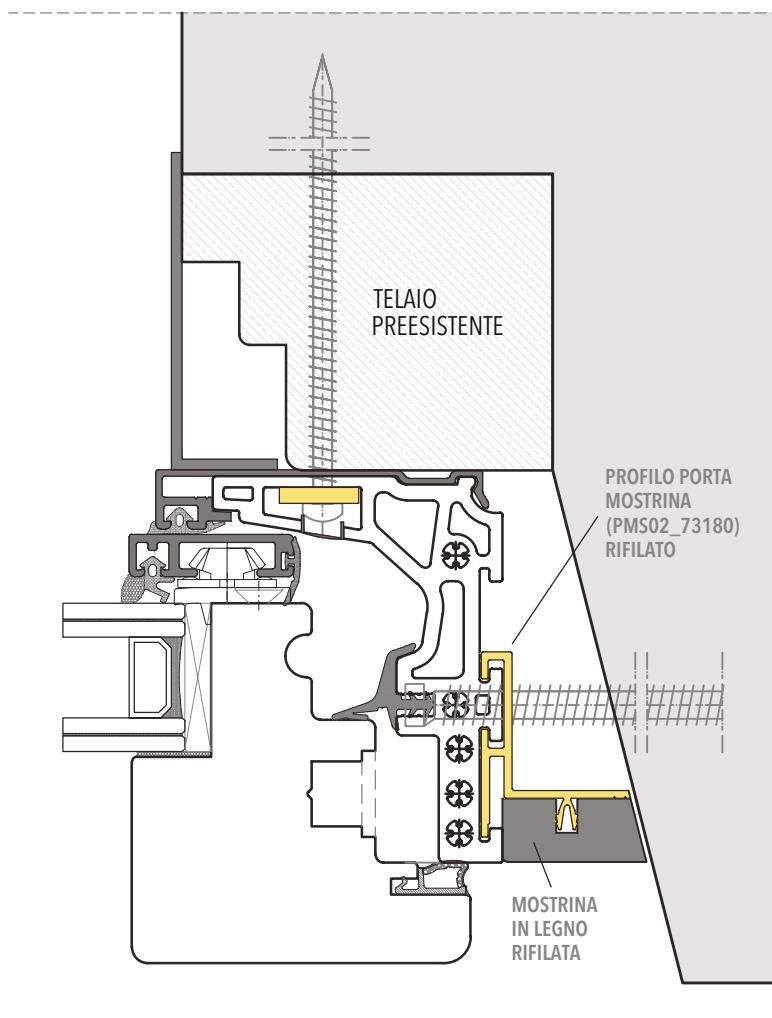
Nelle pagine seguenti sono illustrati alcuni esempi relativi alle installazioni più frequenti.

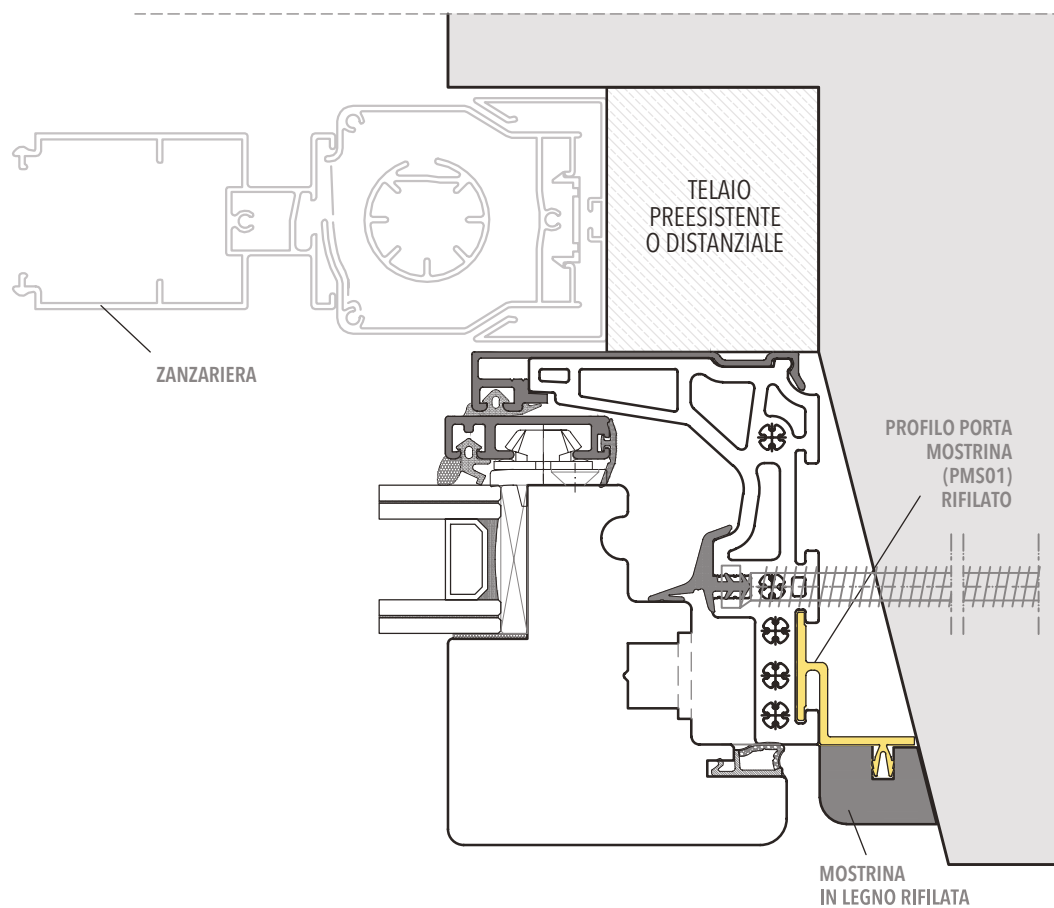
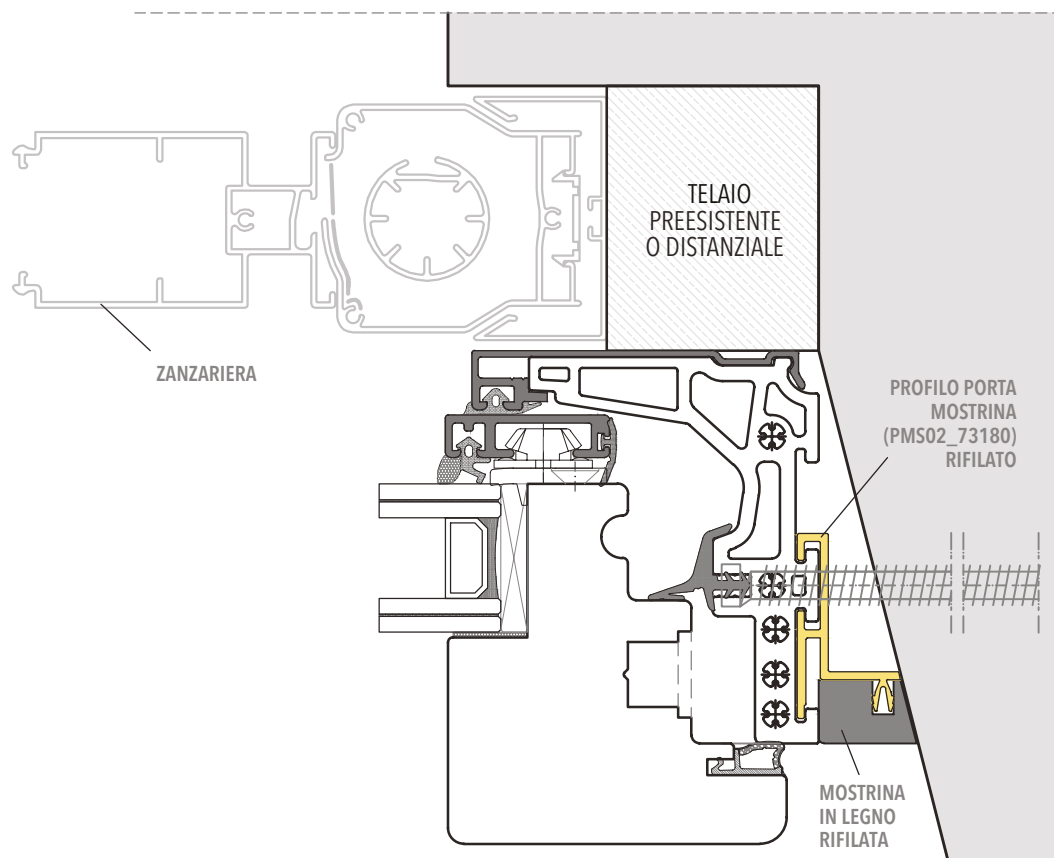
SOLUZIONI DI POSA

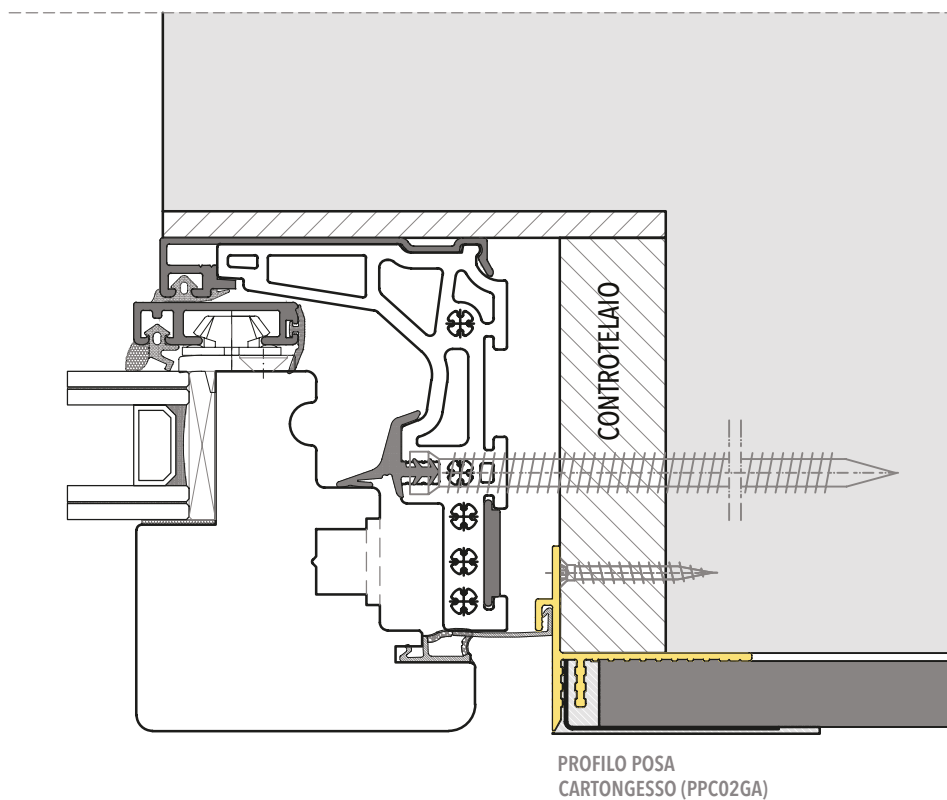
EKOTECH



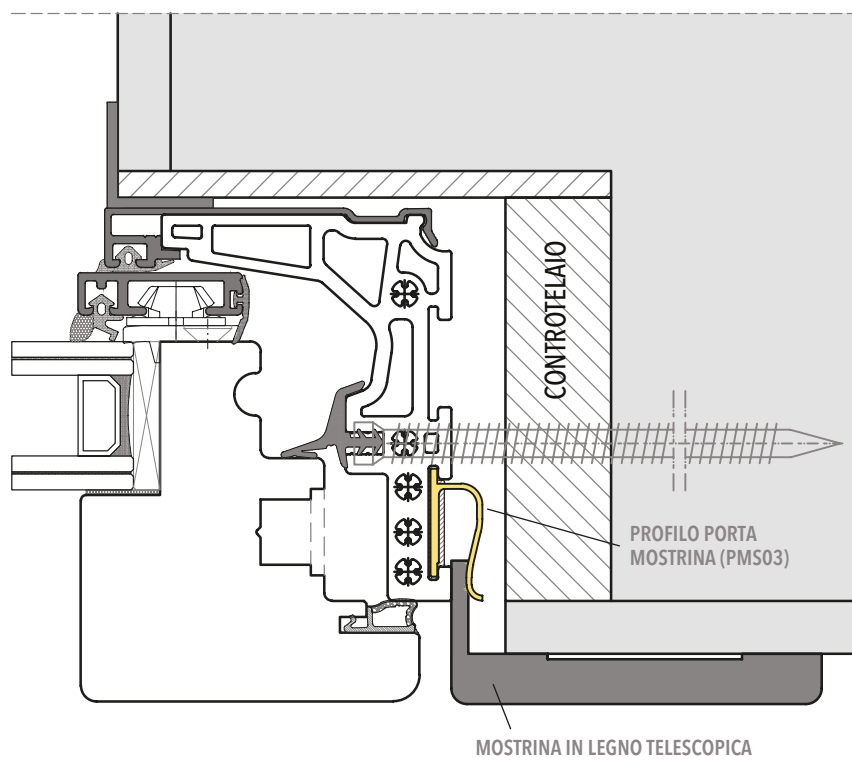


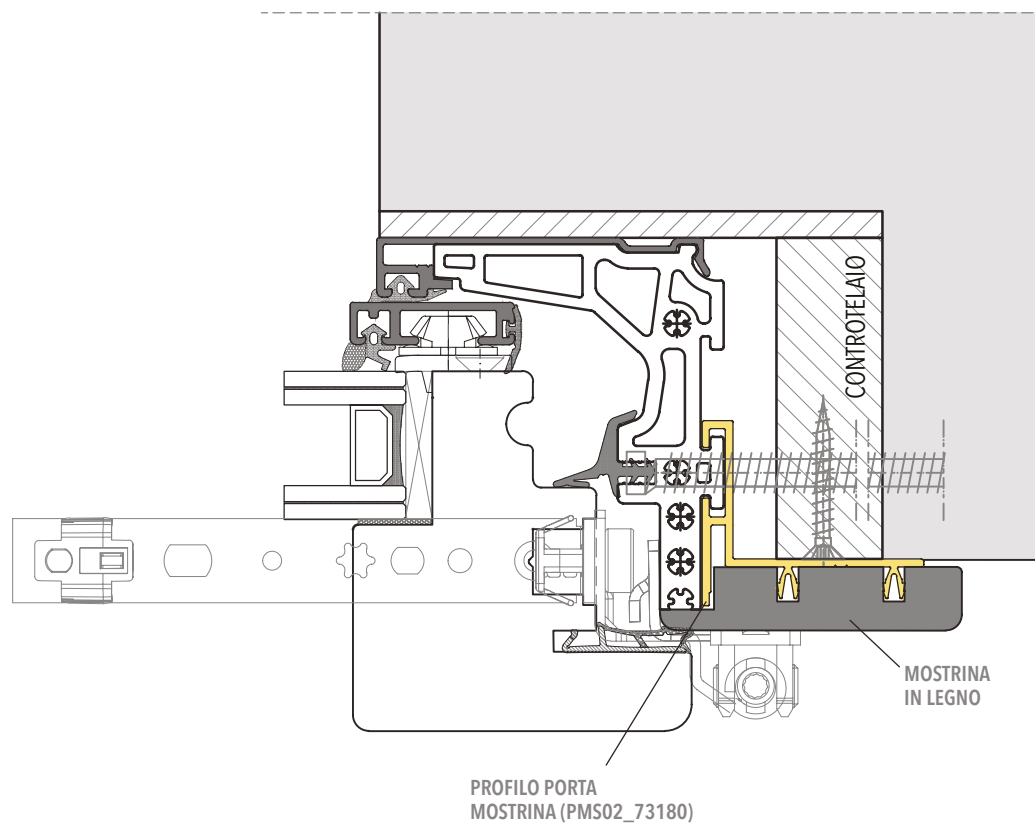


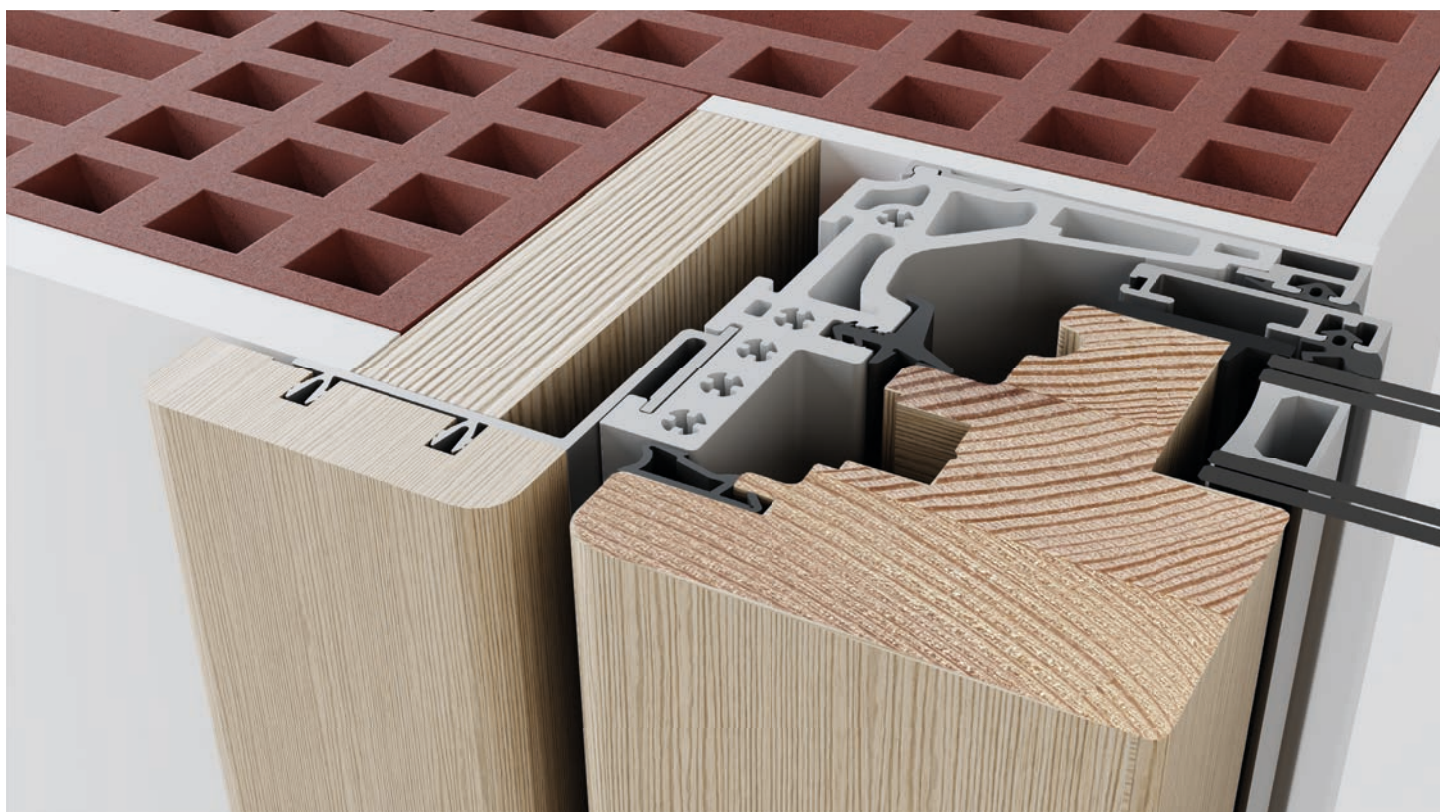
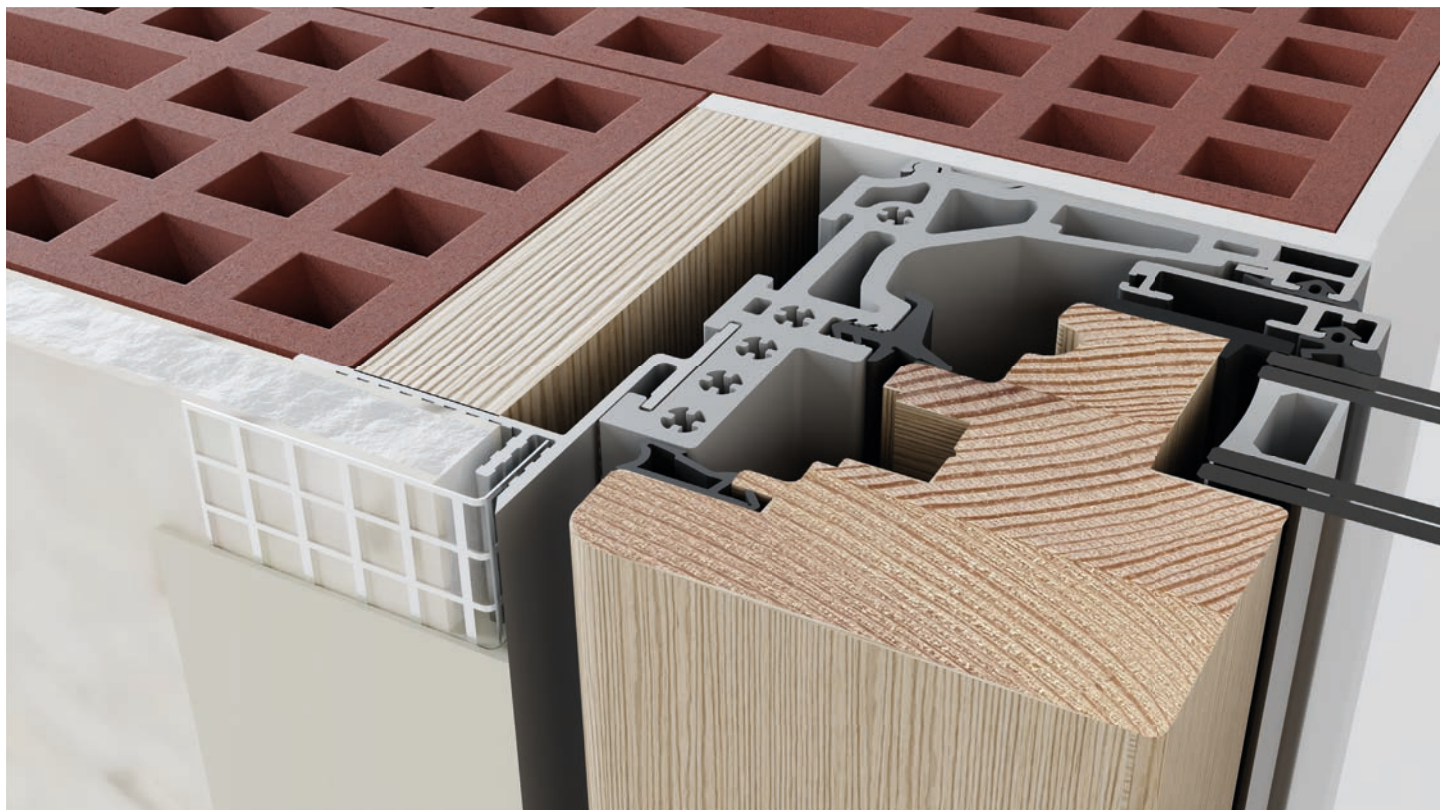


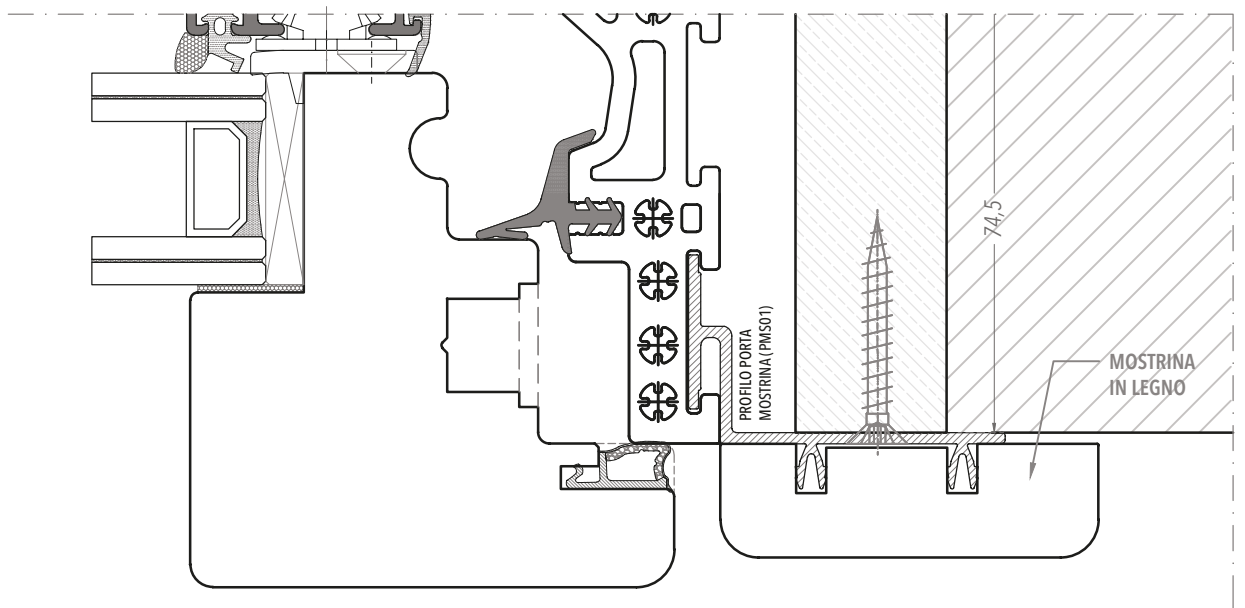
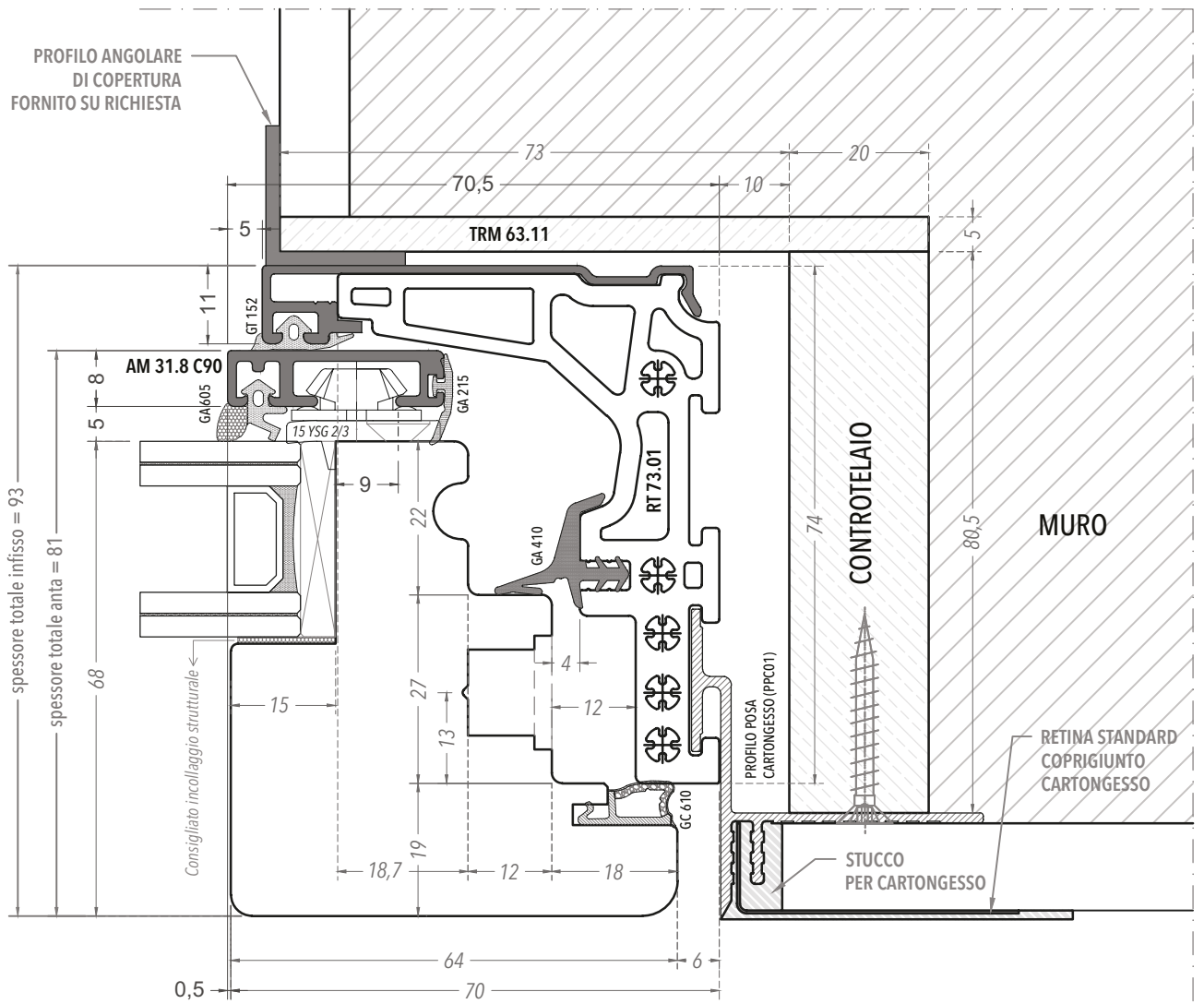


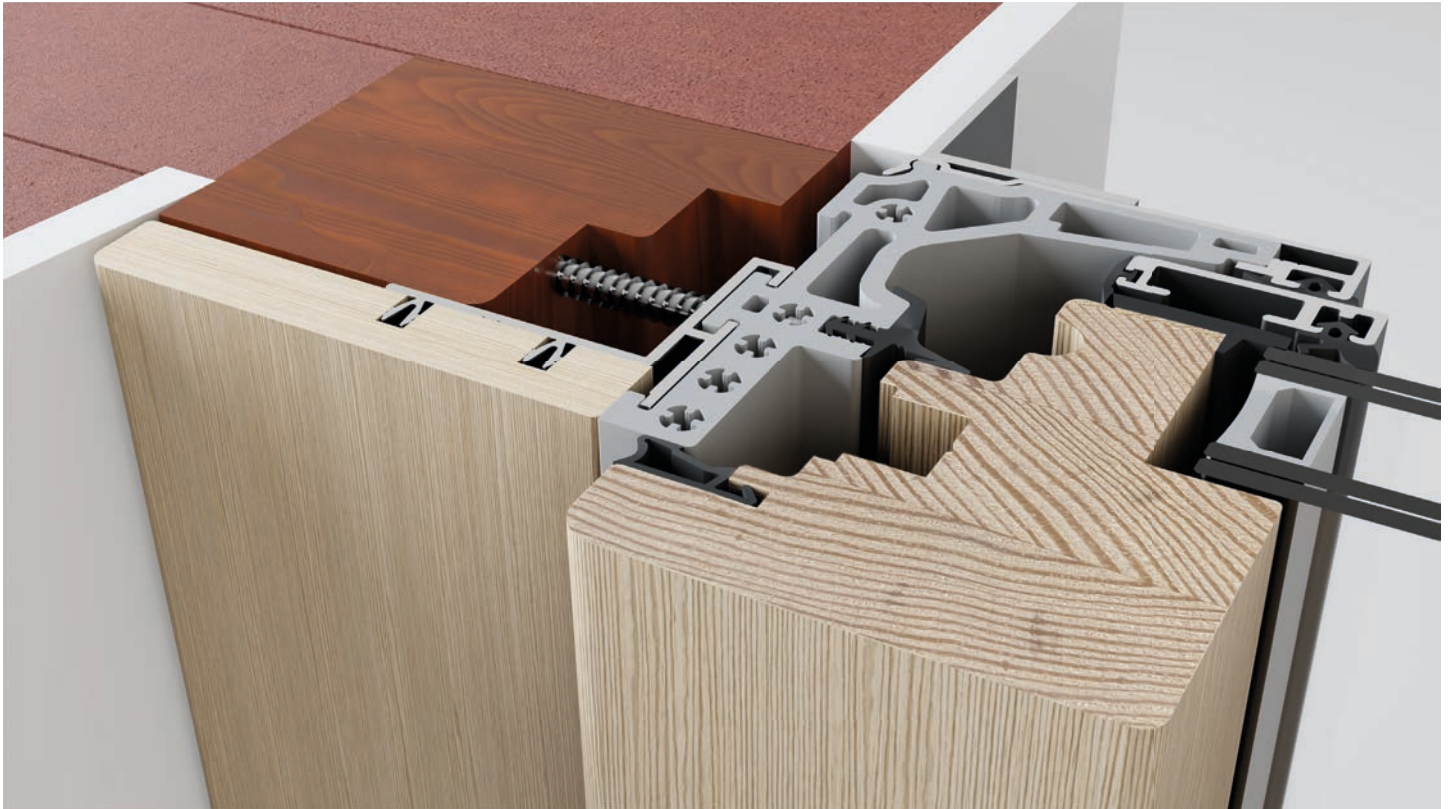
UTILIZZO DELLA MOSTRINA TELESCOPICA

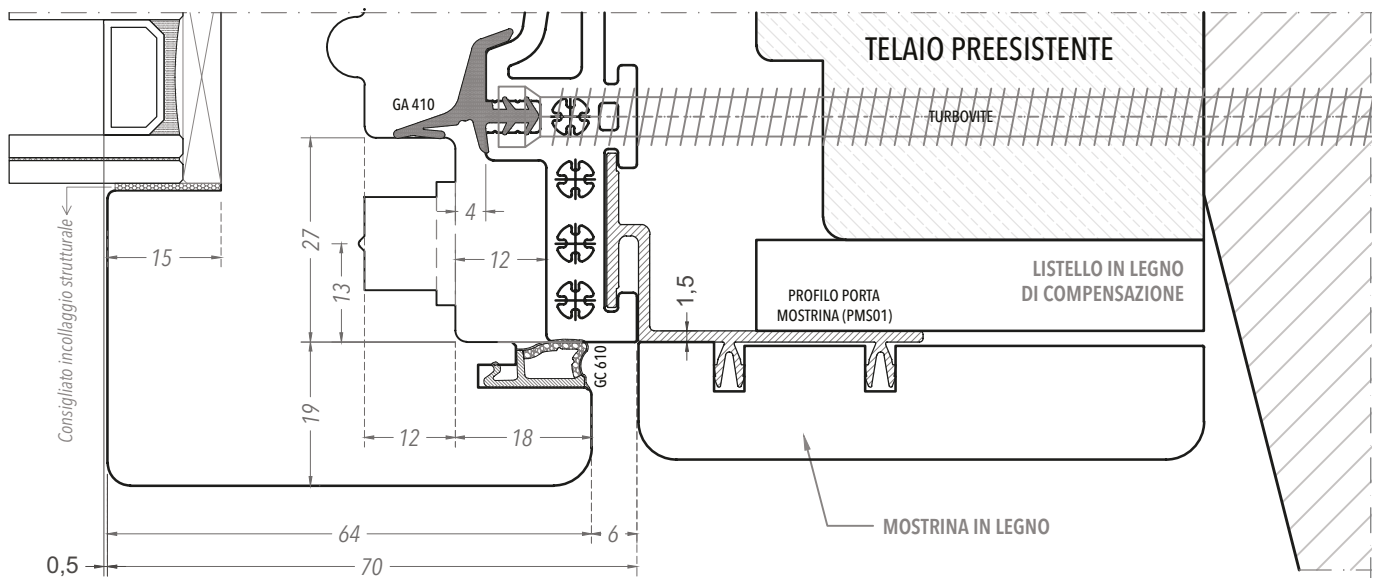
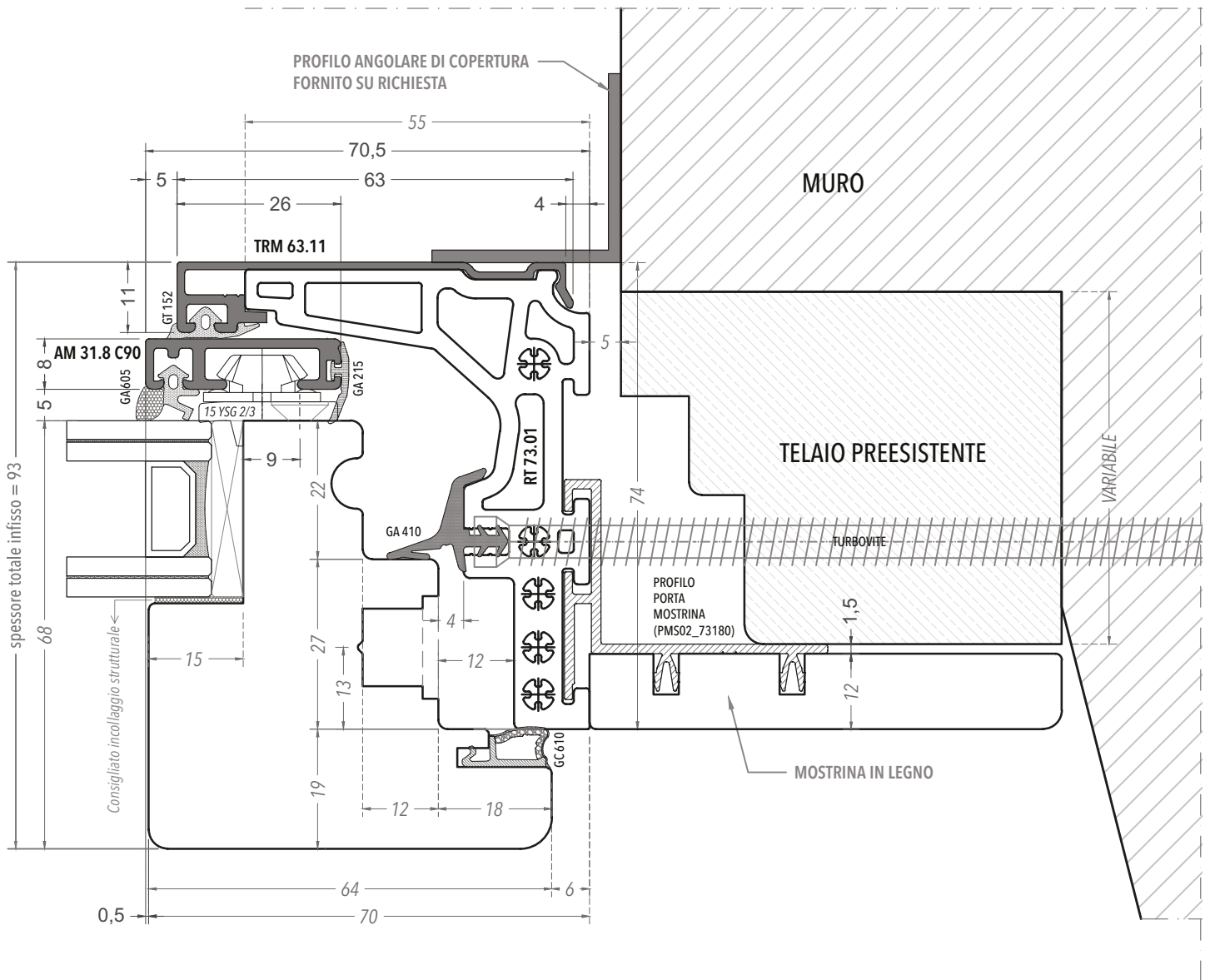






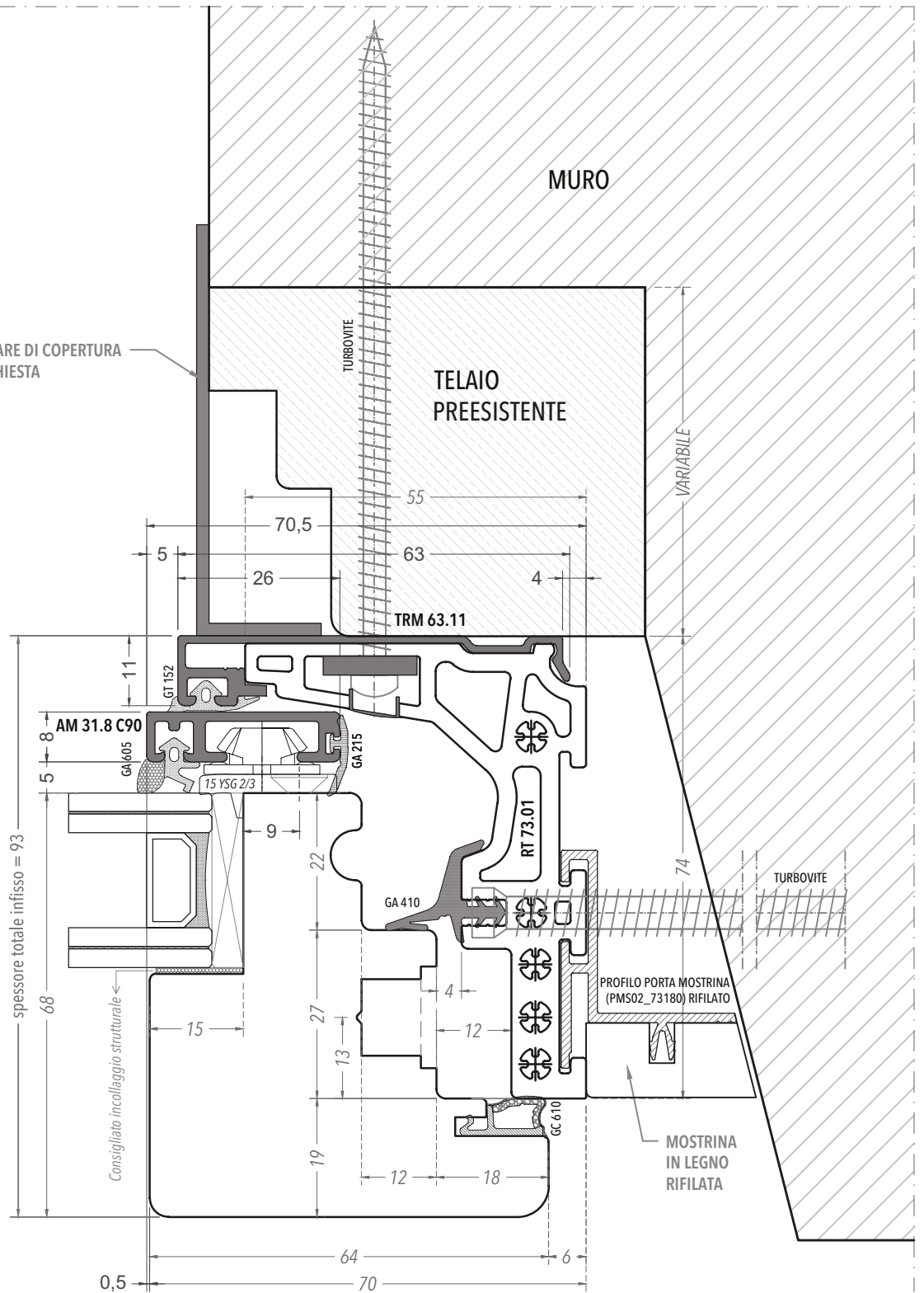


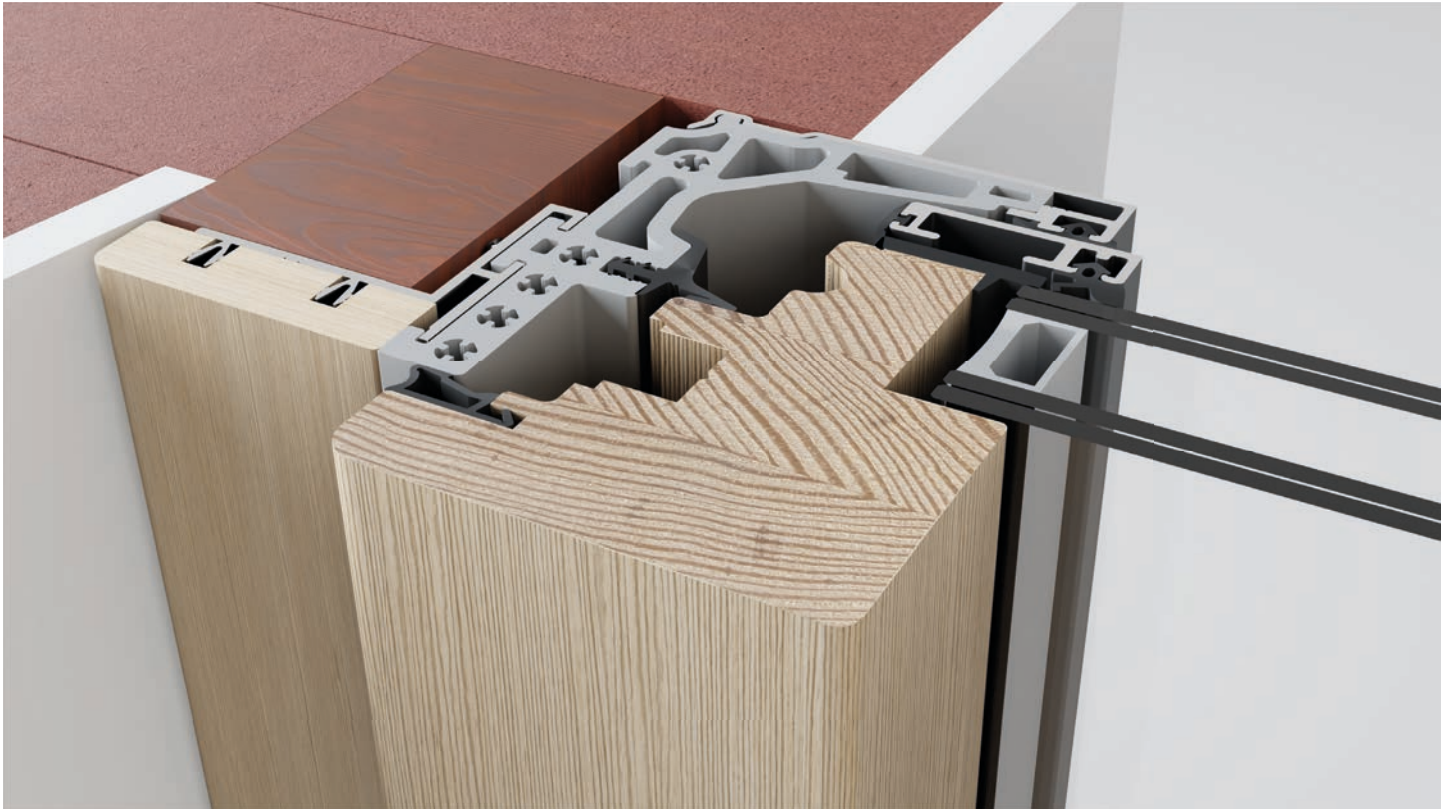


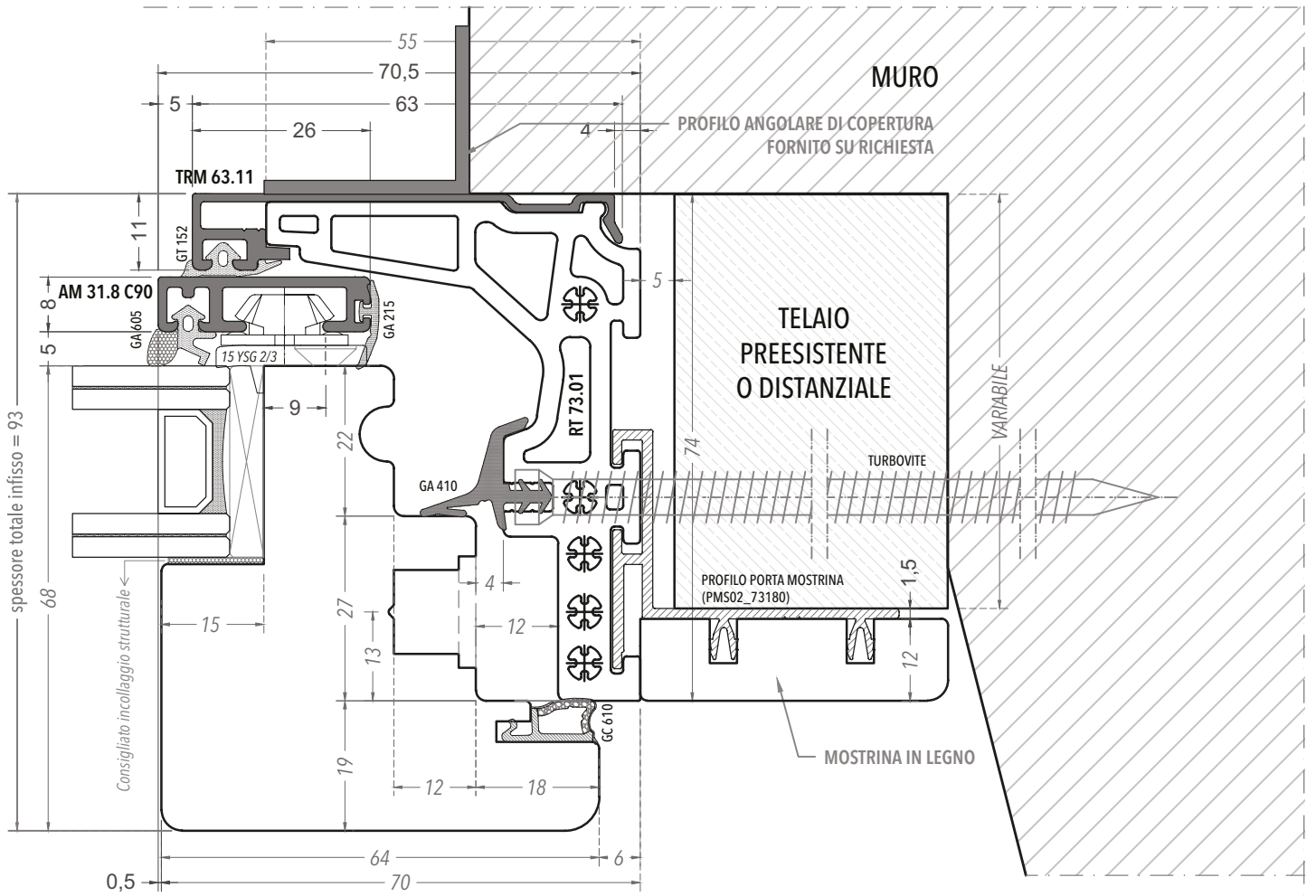


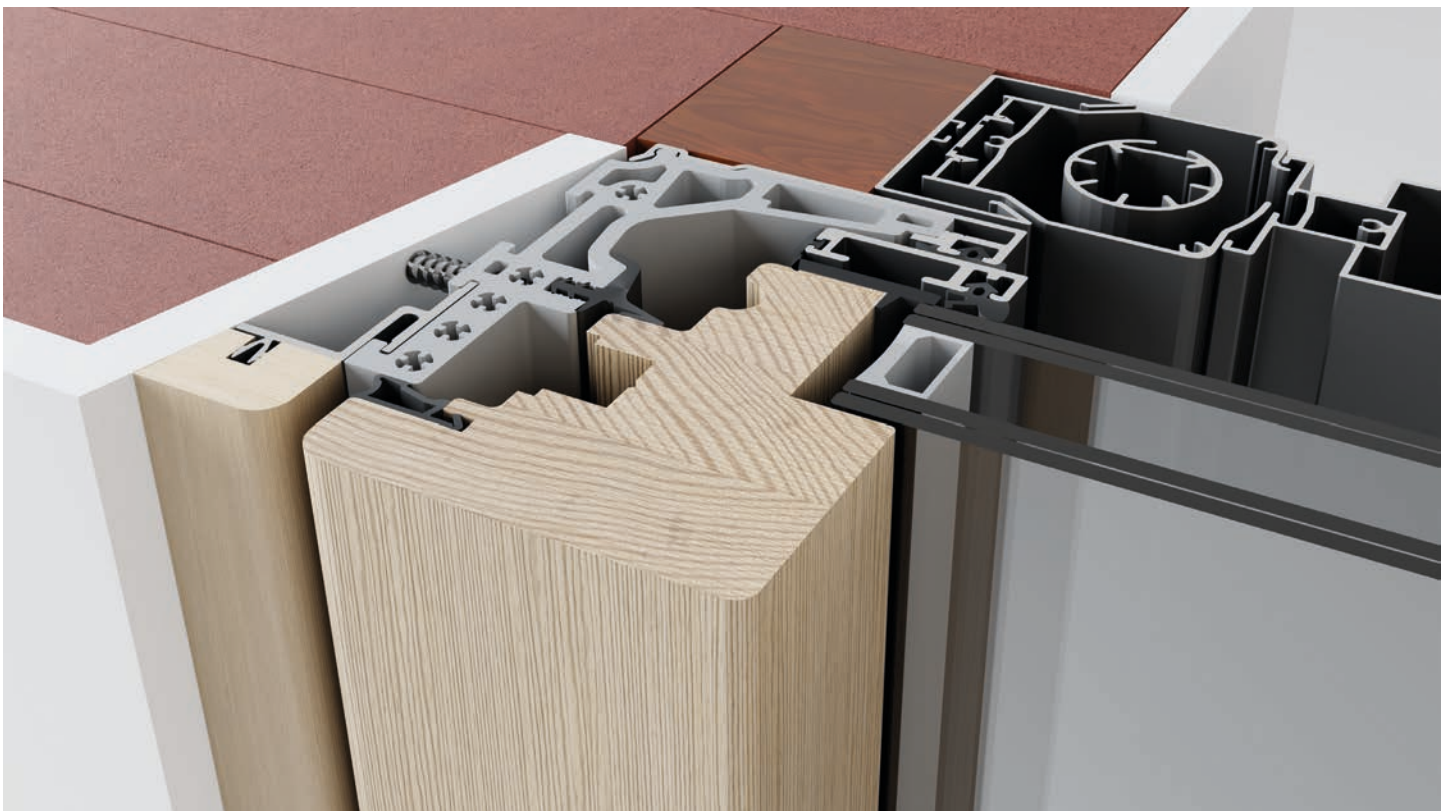


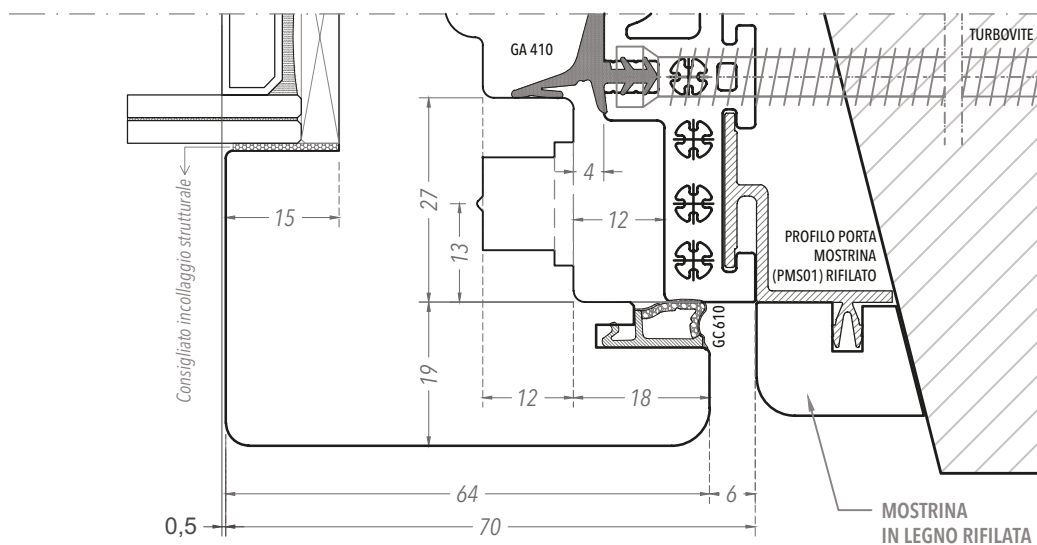
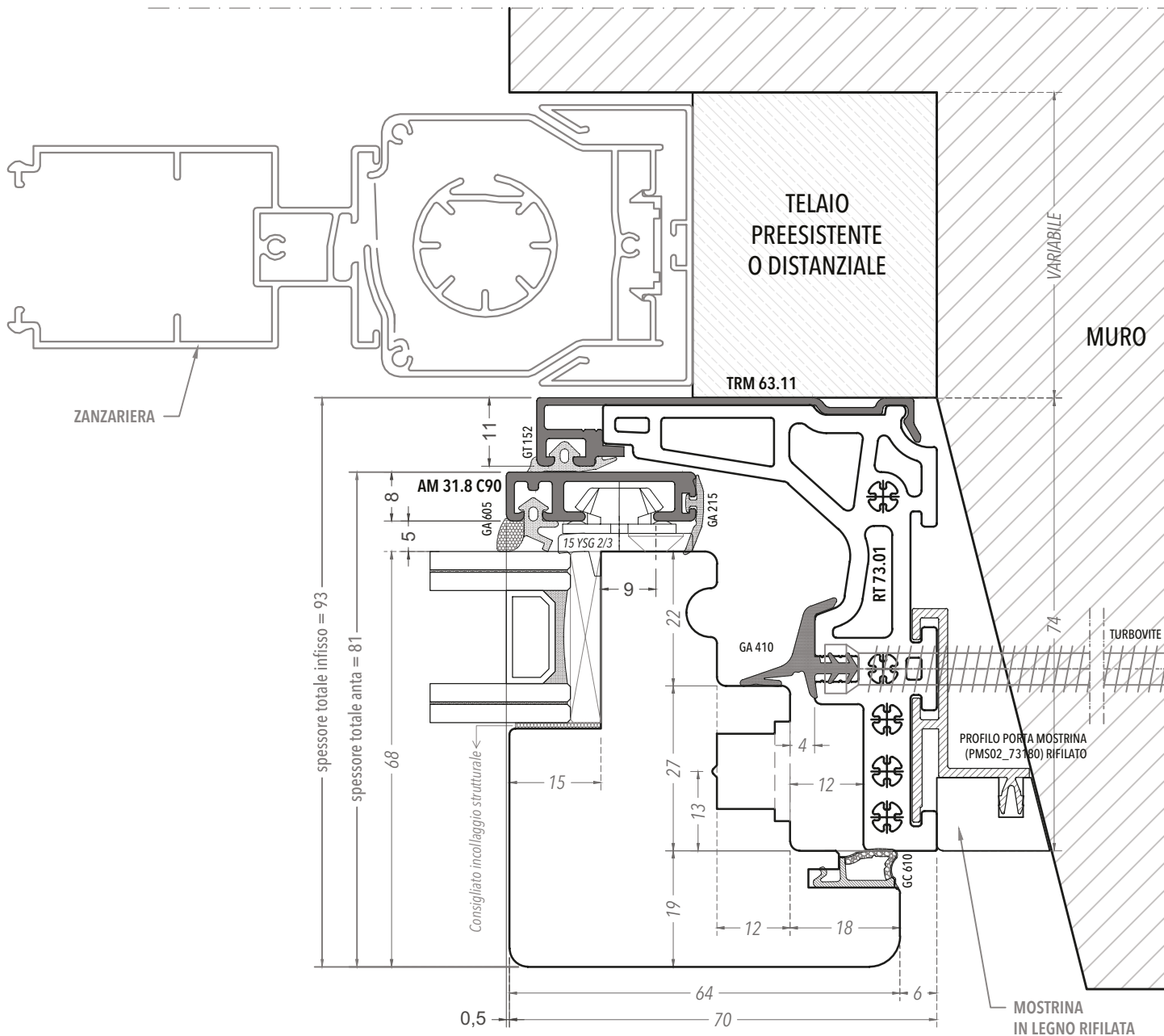
PROFILO ANGOLARE DI COPERTURA
FORNITO SU RICHIESTA

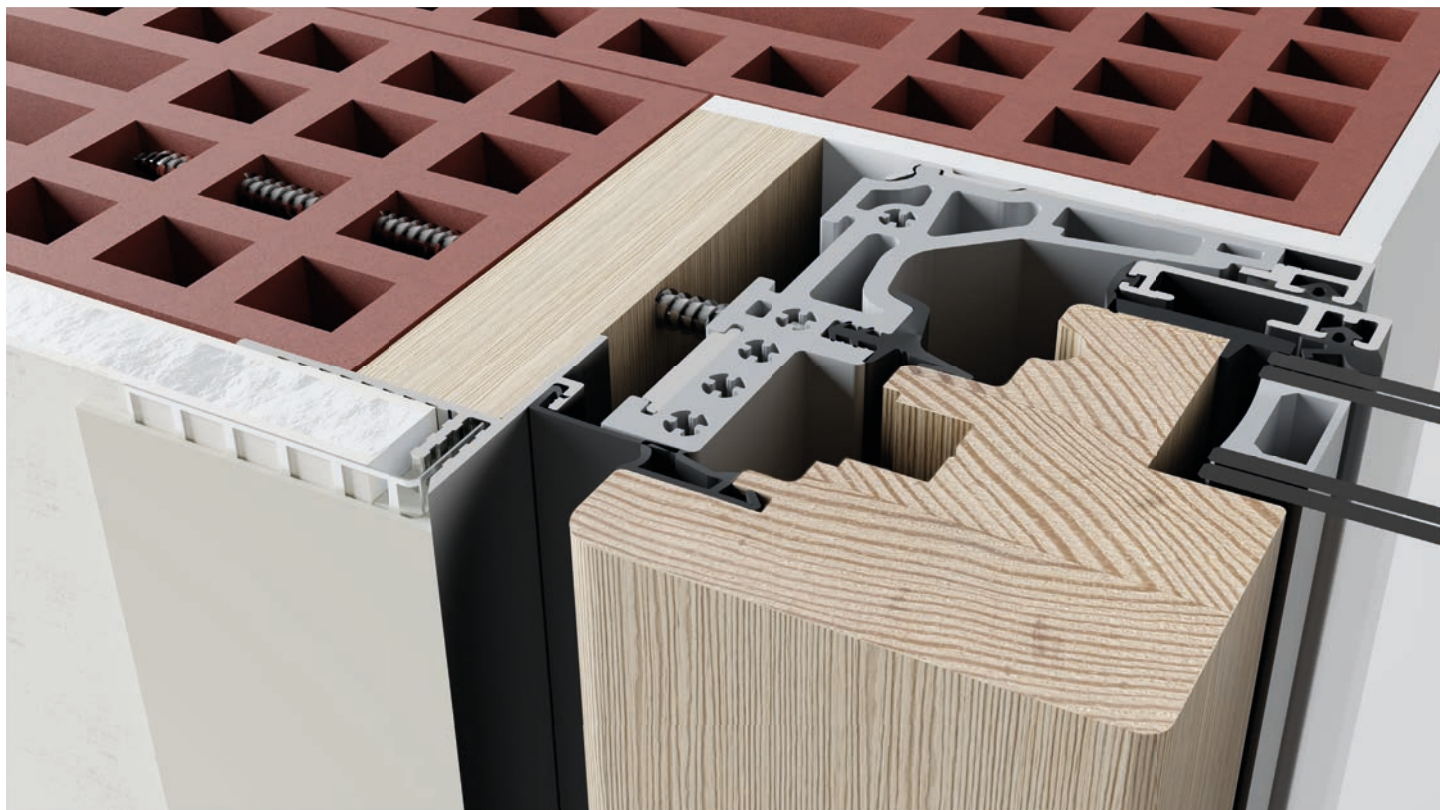


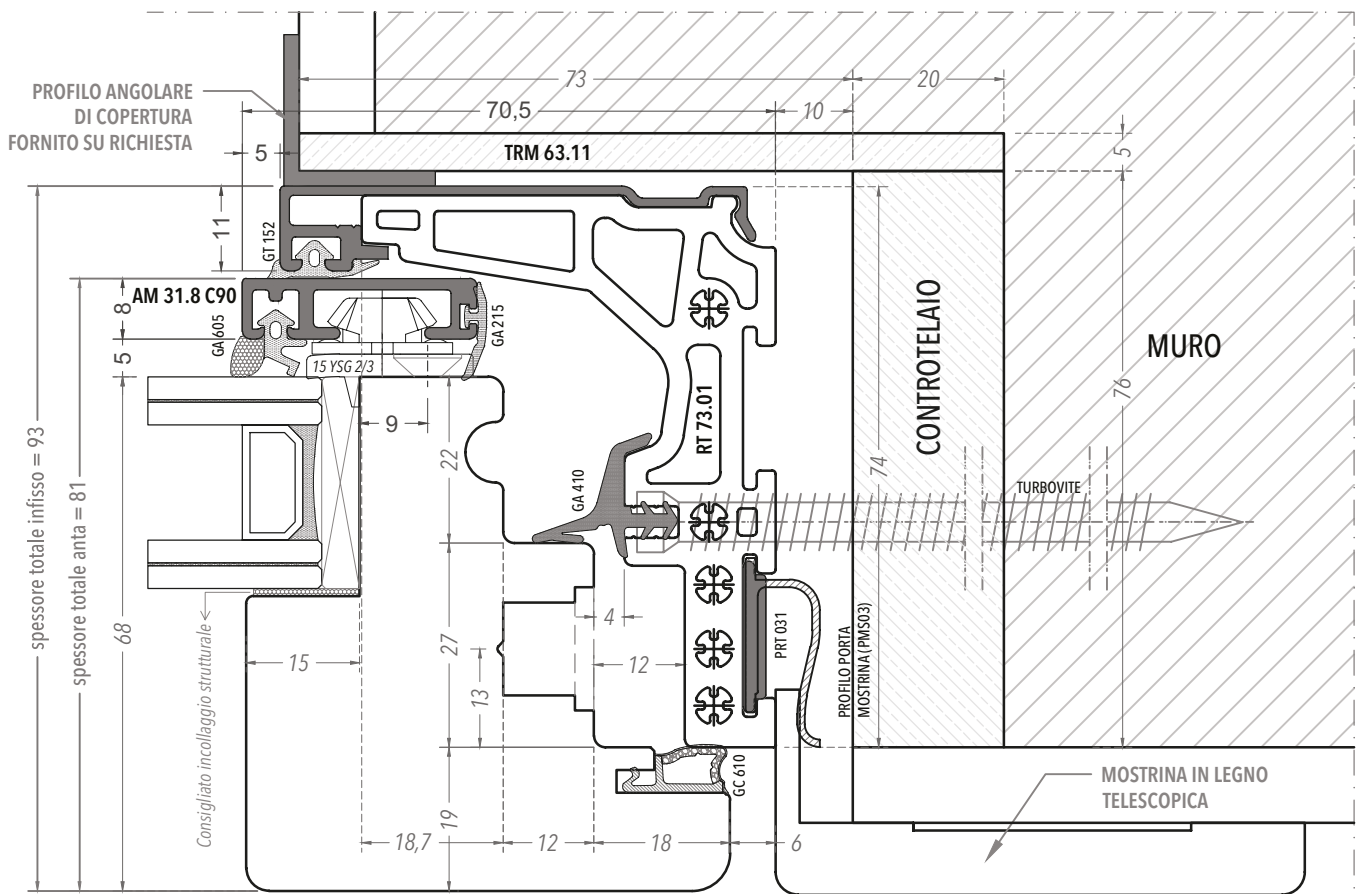
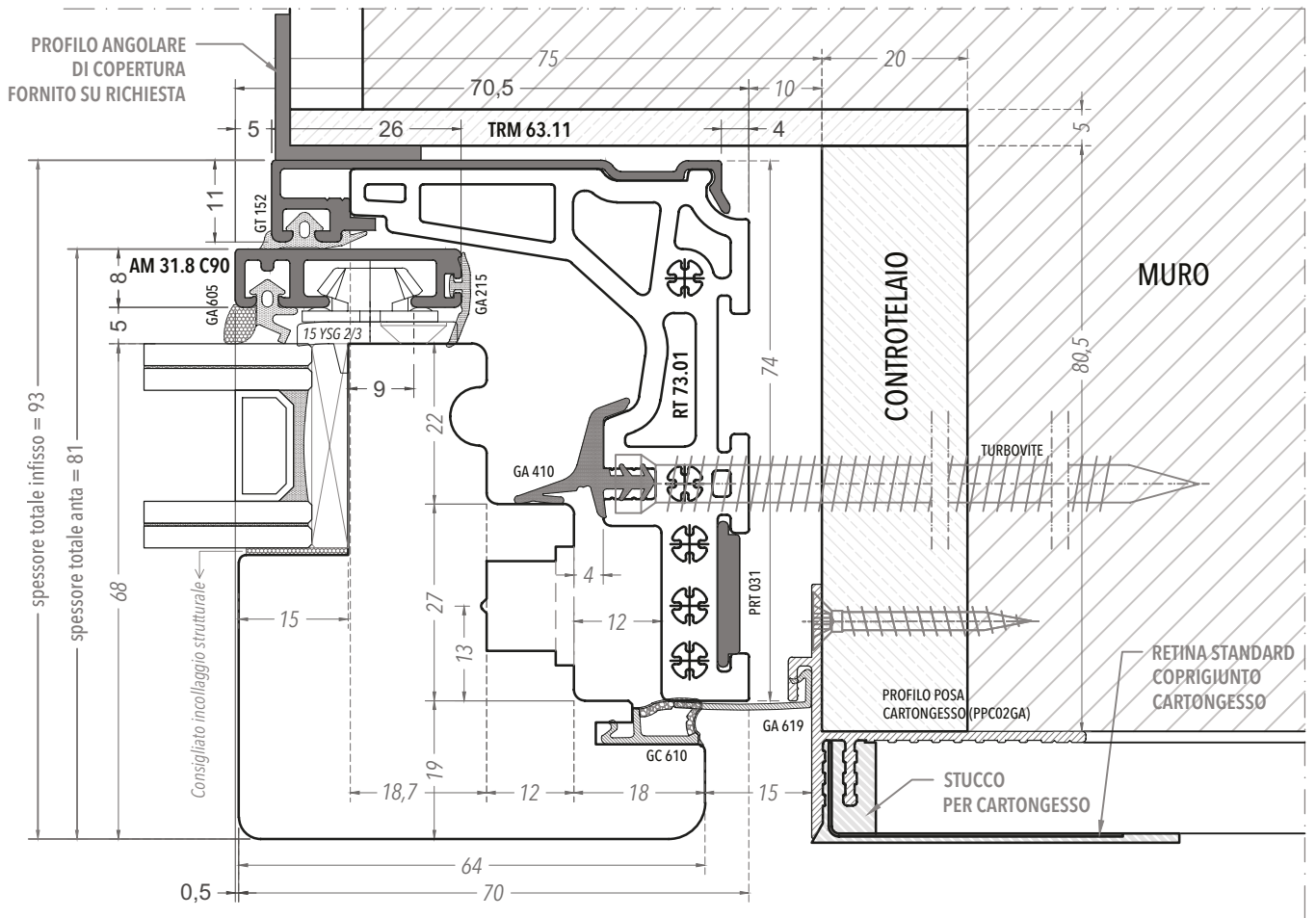




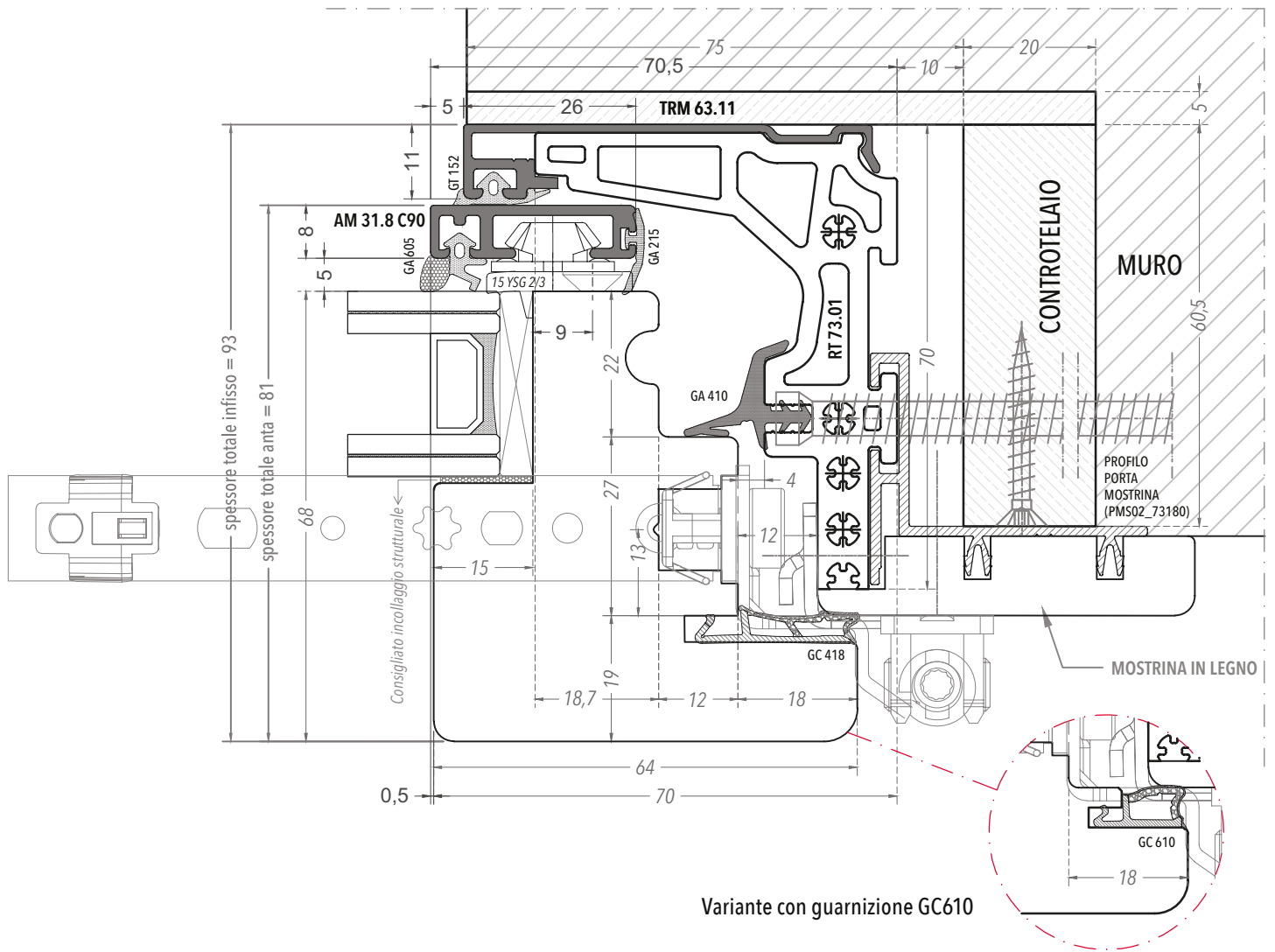










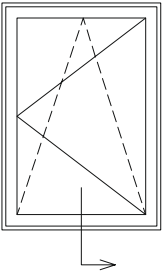




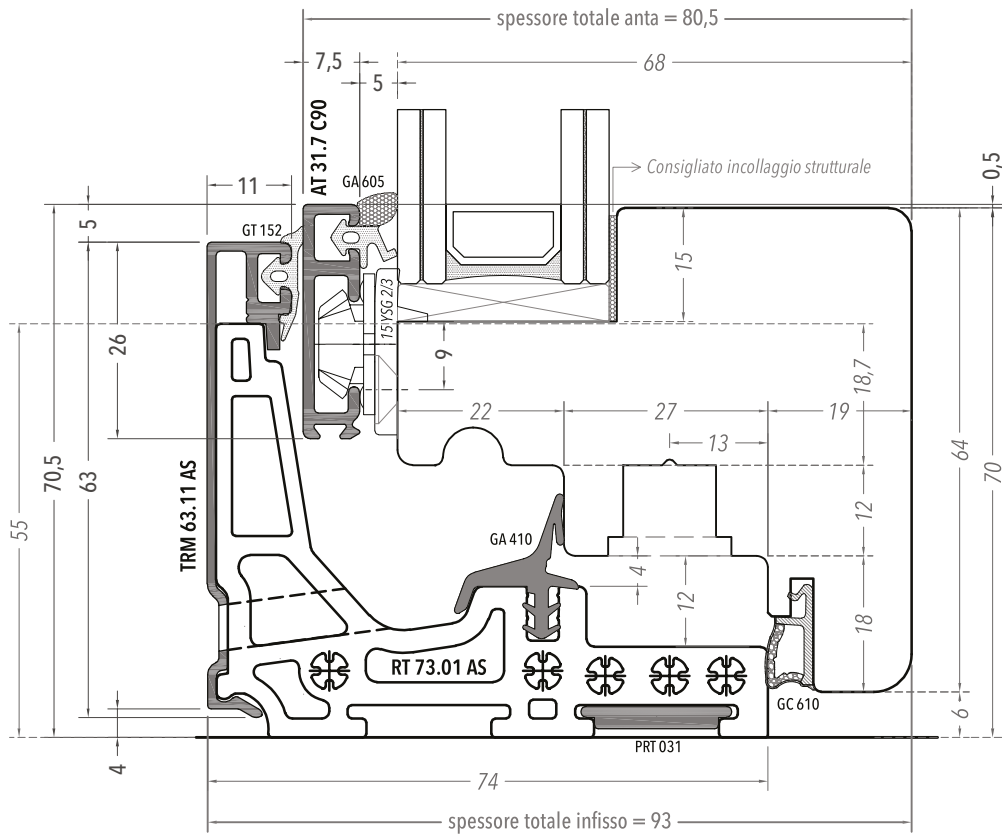
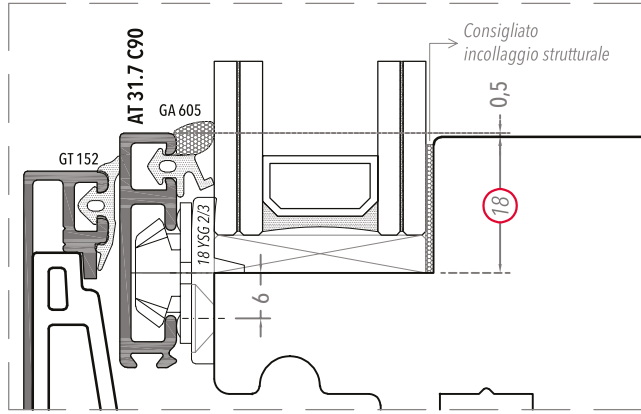
Spessore telaio 74 mm
Spessore anta 68 mm

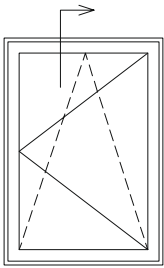
GRACE

EKOTECH GRACE



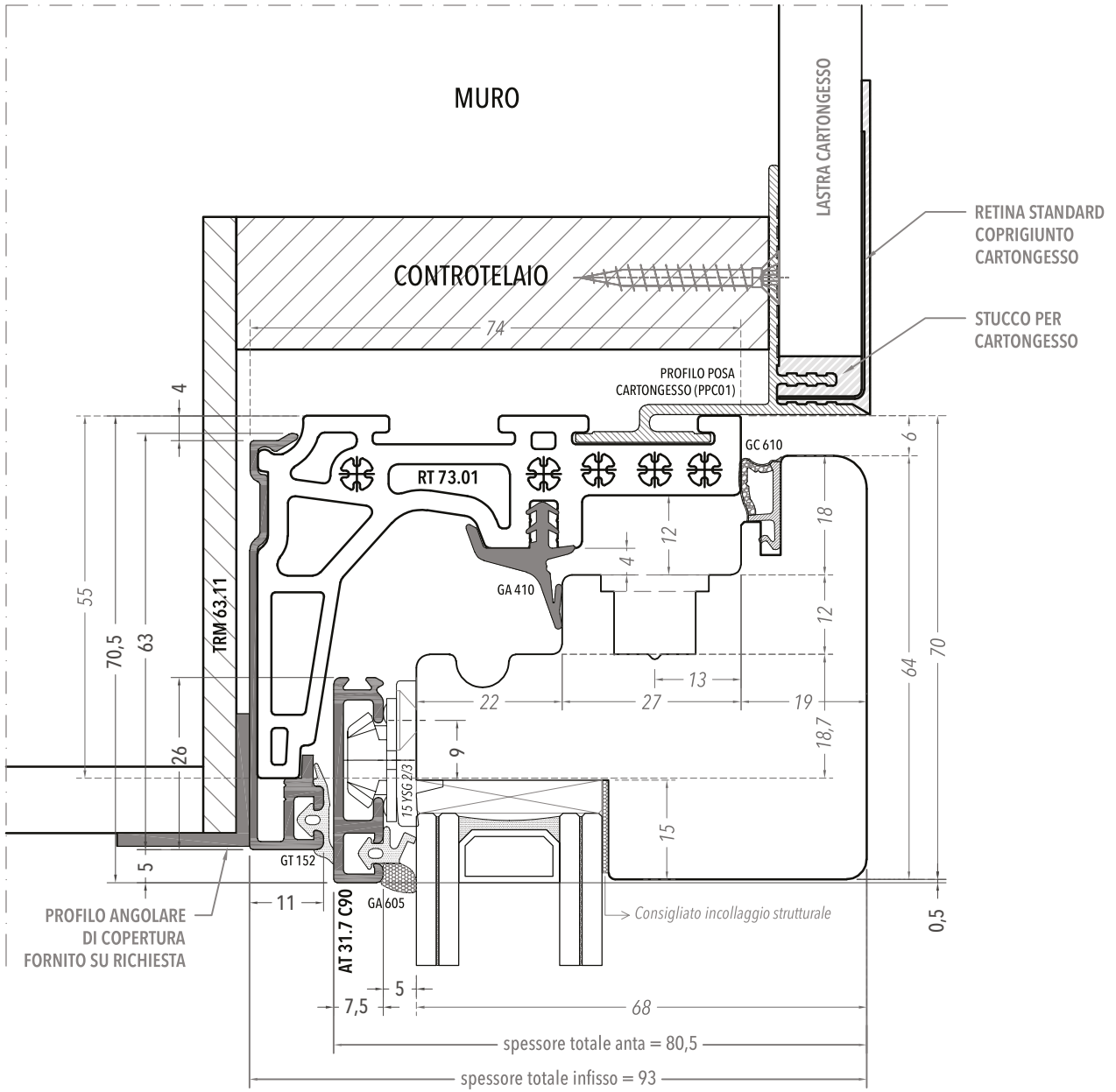
Variante con battuta vetro da 18mm e clip 18 YSG2/3

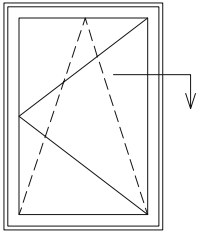




FINESTRA

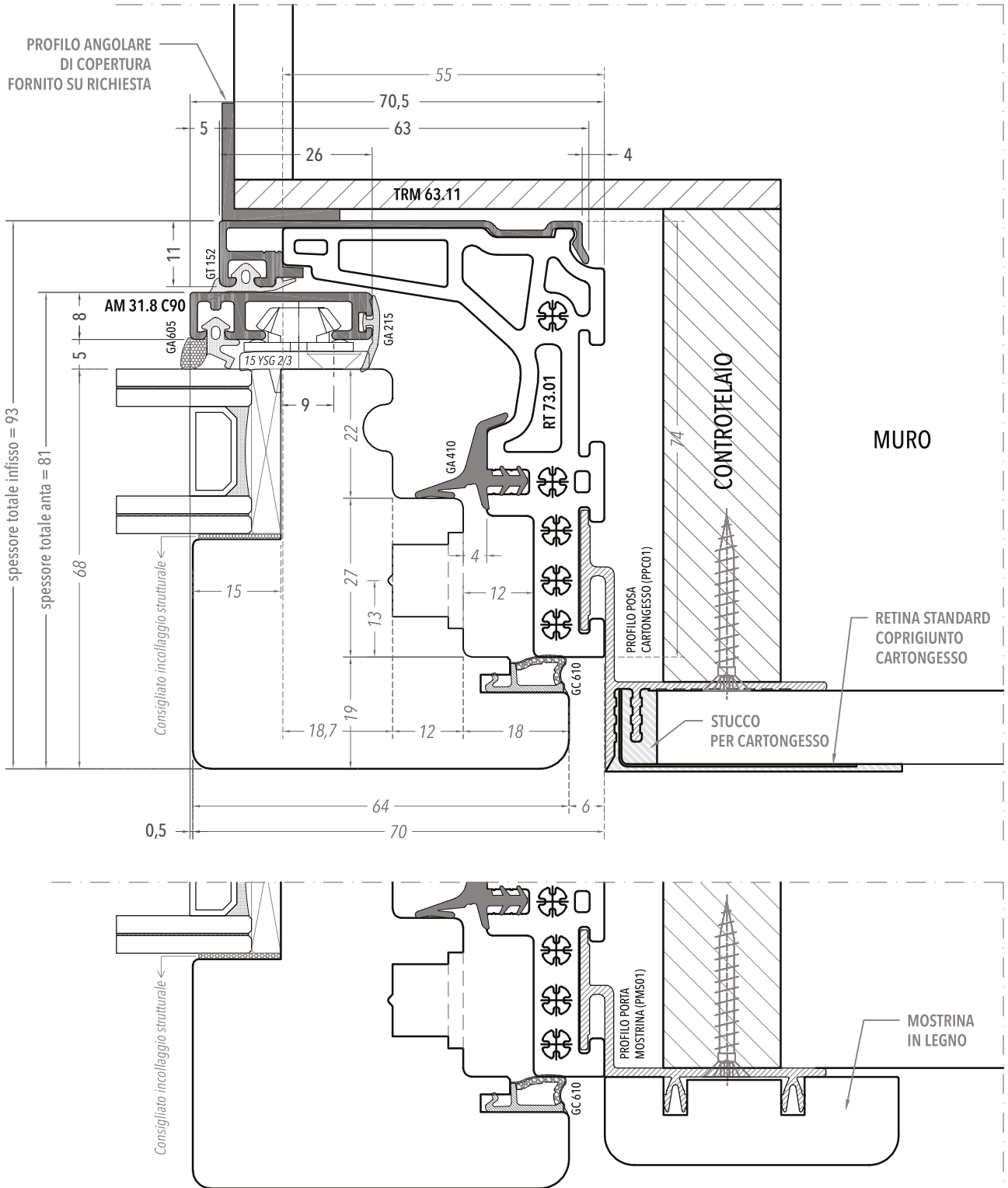
SEZIONE VERTICALE
NODO SUPERIORE
SCALA 1:1

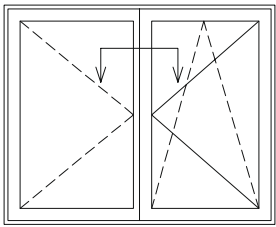




FINESTRA

SEZIONE ORIZZONTALE
 NODO LATERALE
 SCALA 1:1



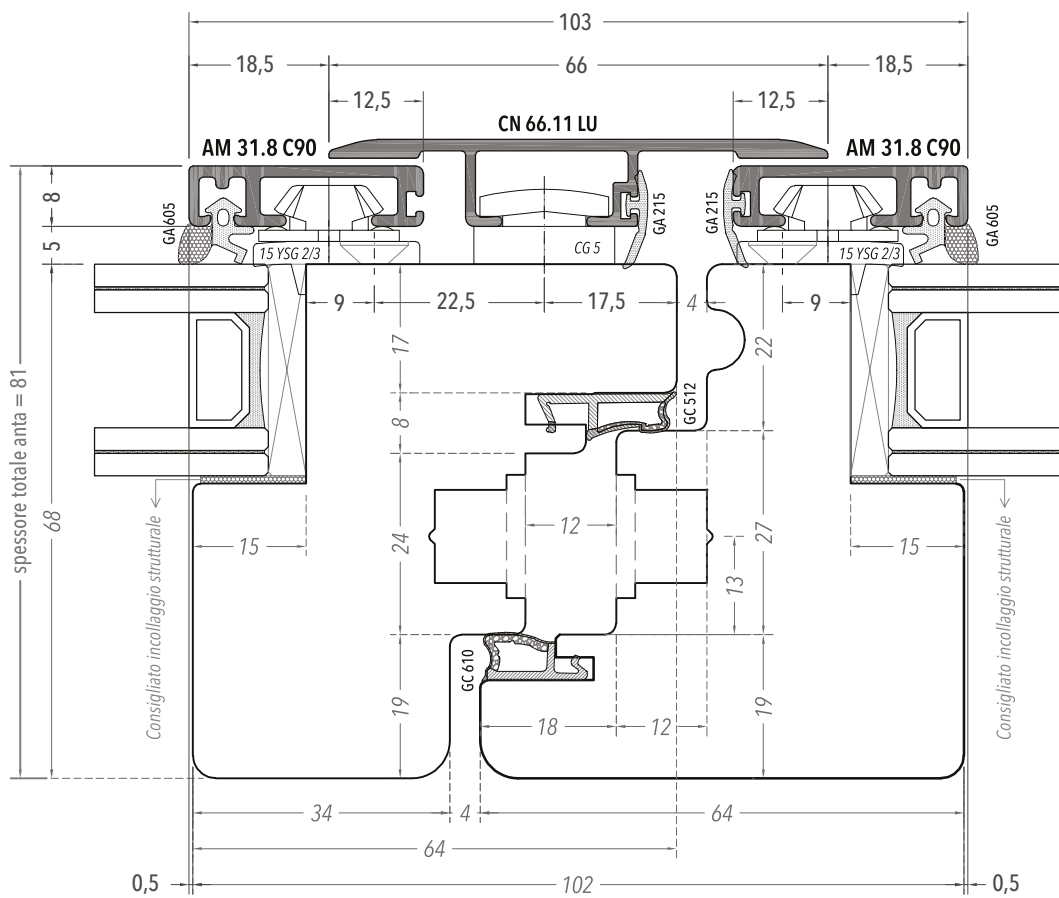


FINESTRA

SEZIONE ORIZZONTALE

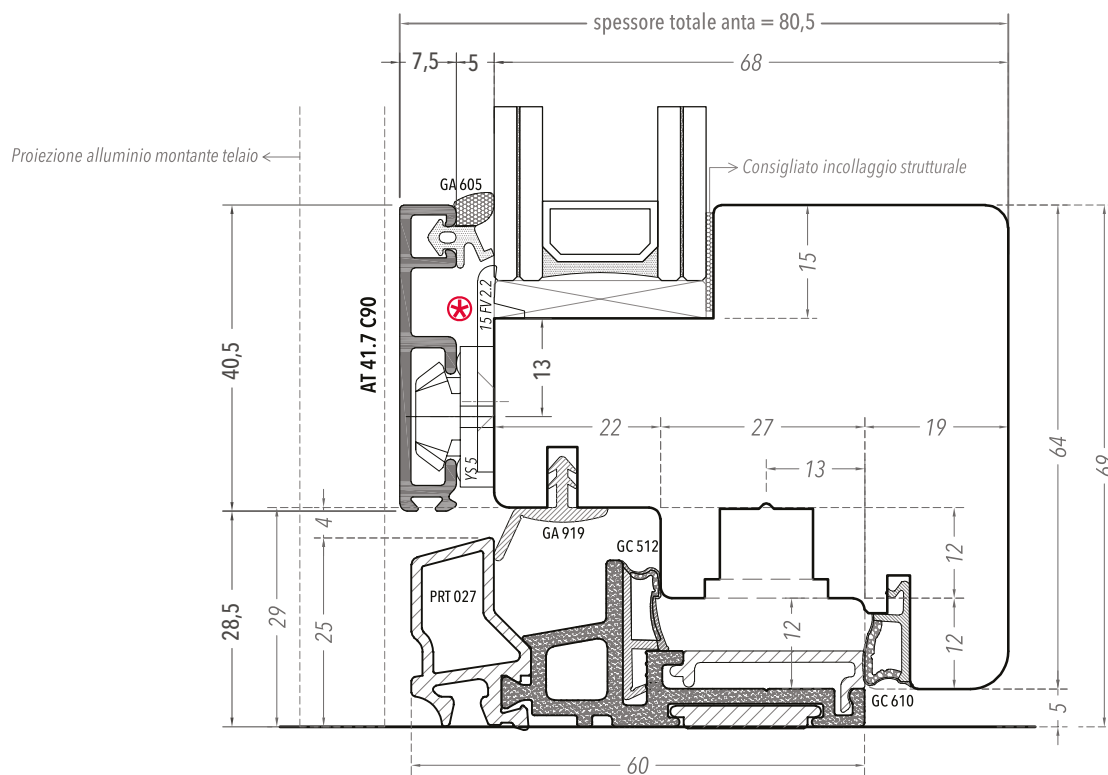
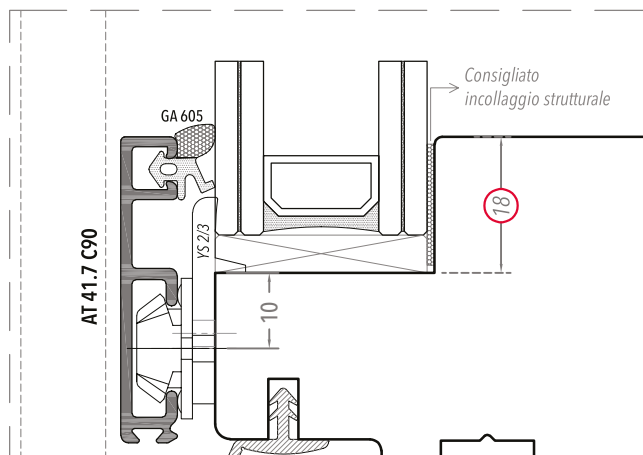
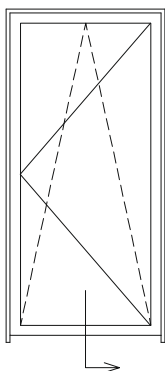
NODO CENTRALE

SCALA 1:1



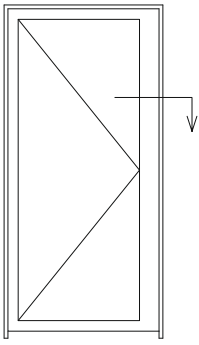
PORTAFINESTRA

SEZIONE VERTICALE
NODO INFERIORE
SCALA 1:1



⊗ Alternare una basetta fermavetro auto-posizionante 15FV 2.2 a una clip a scatto YS 5.

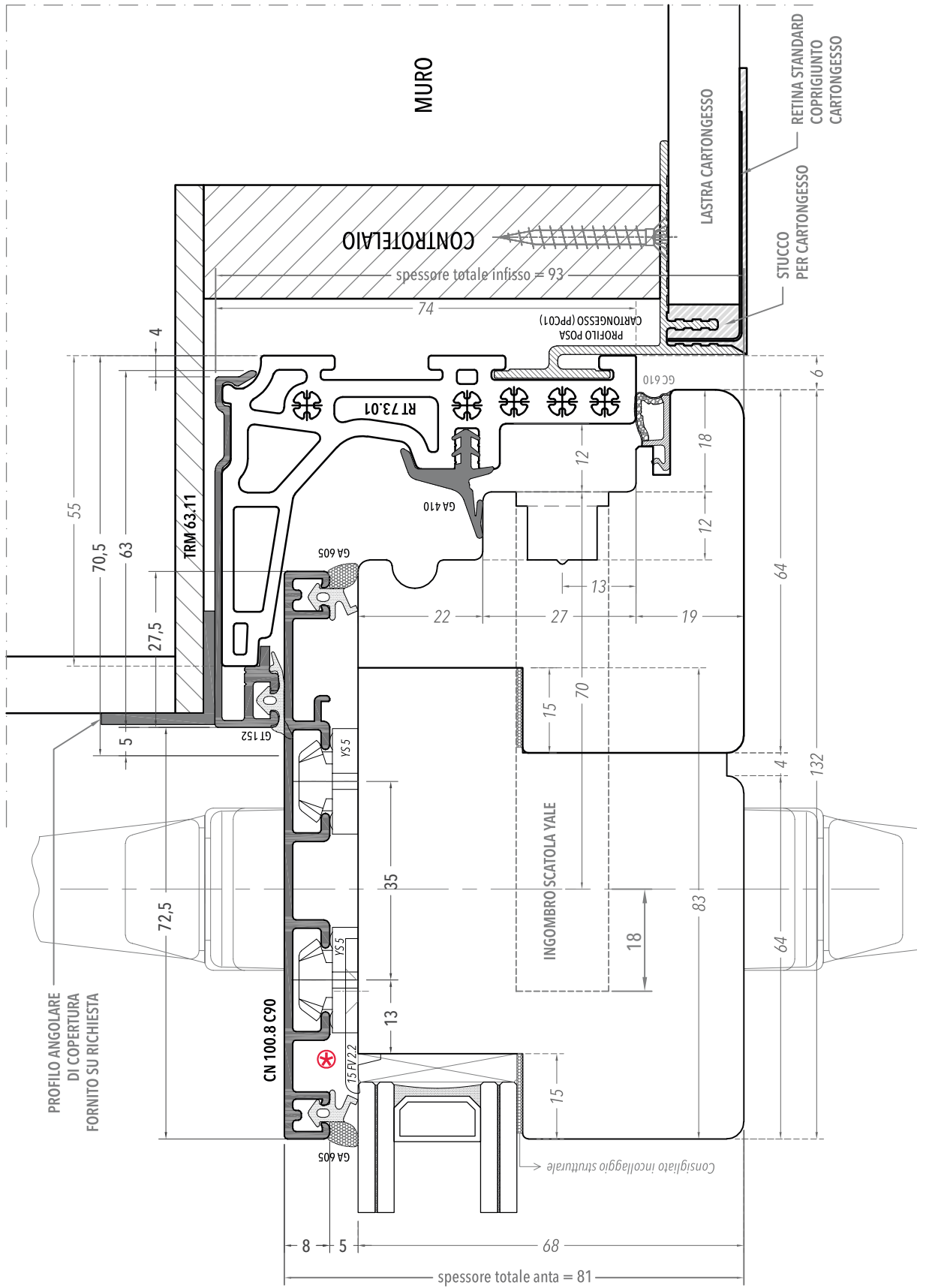
⊗ Alternare una basetta fermavetro auto-posizionante 15FV 2.2 a una clip a scatto YS 5.

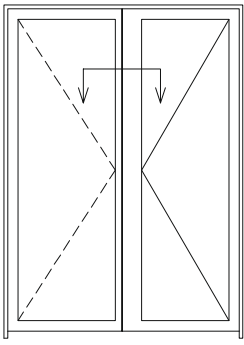


RUOTA
PAGINA

PORTAFINESTRA CON SERRATURA PASSANTE

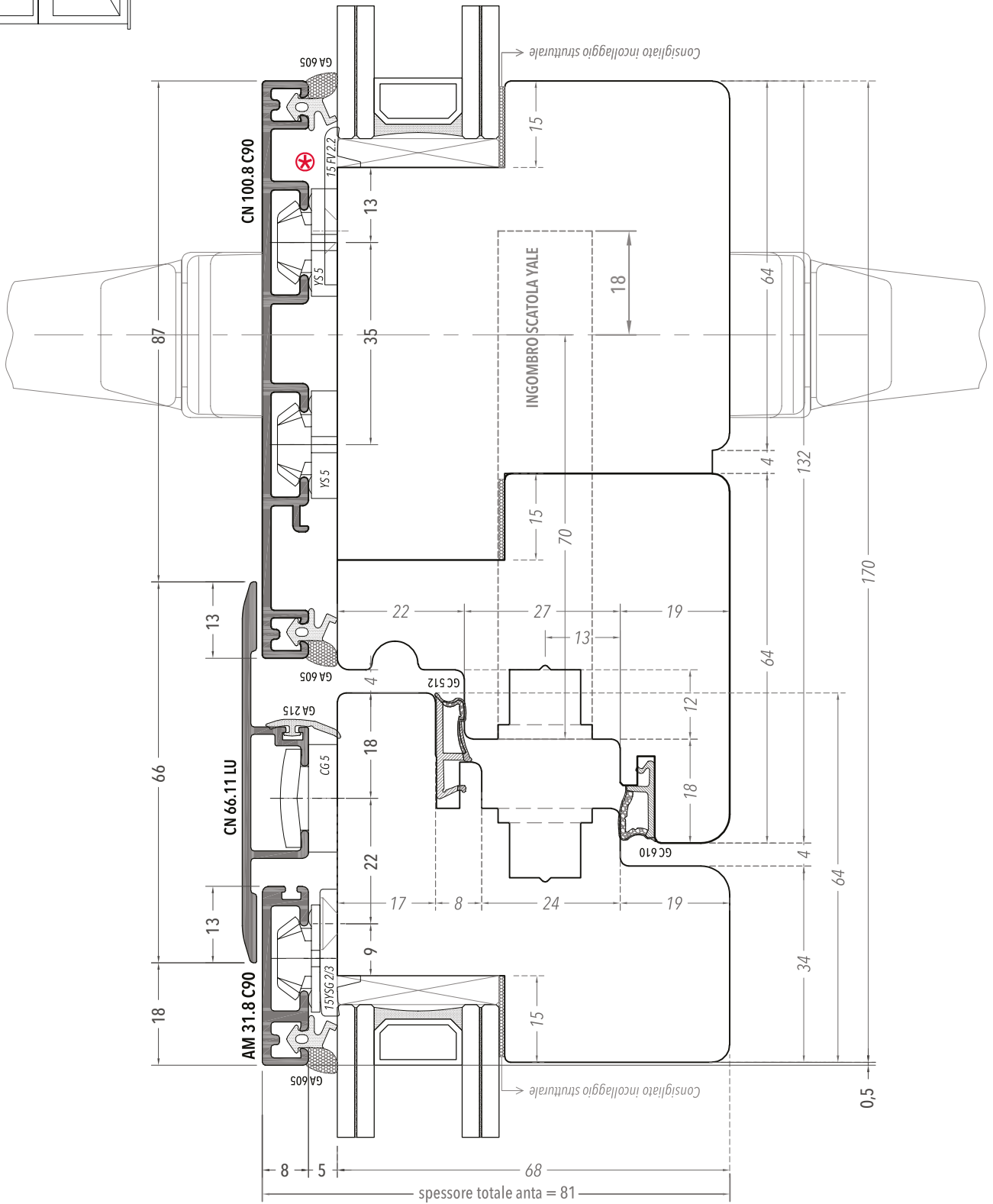
SEZIONE ORIZZONTALE
NODO LATERALE
SCALA 1:1





PORTAFINESTRA CON SERRATURA PASSANTE

SEZIONE ORIZZONTALE
NODO CENTRALE
SCALA 1:1

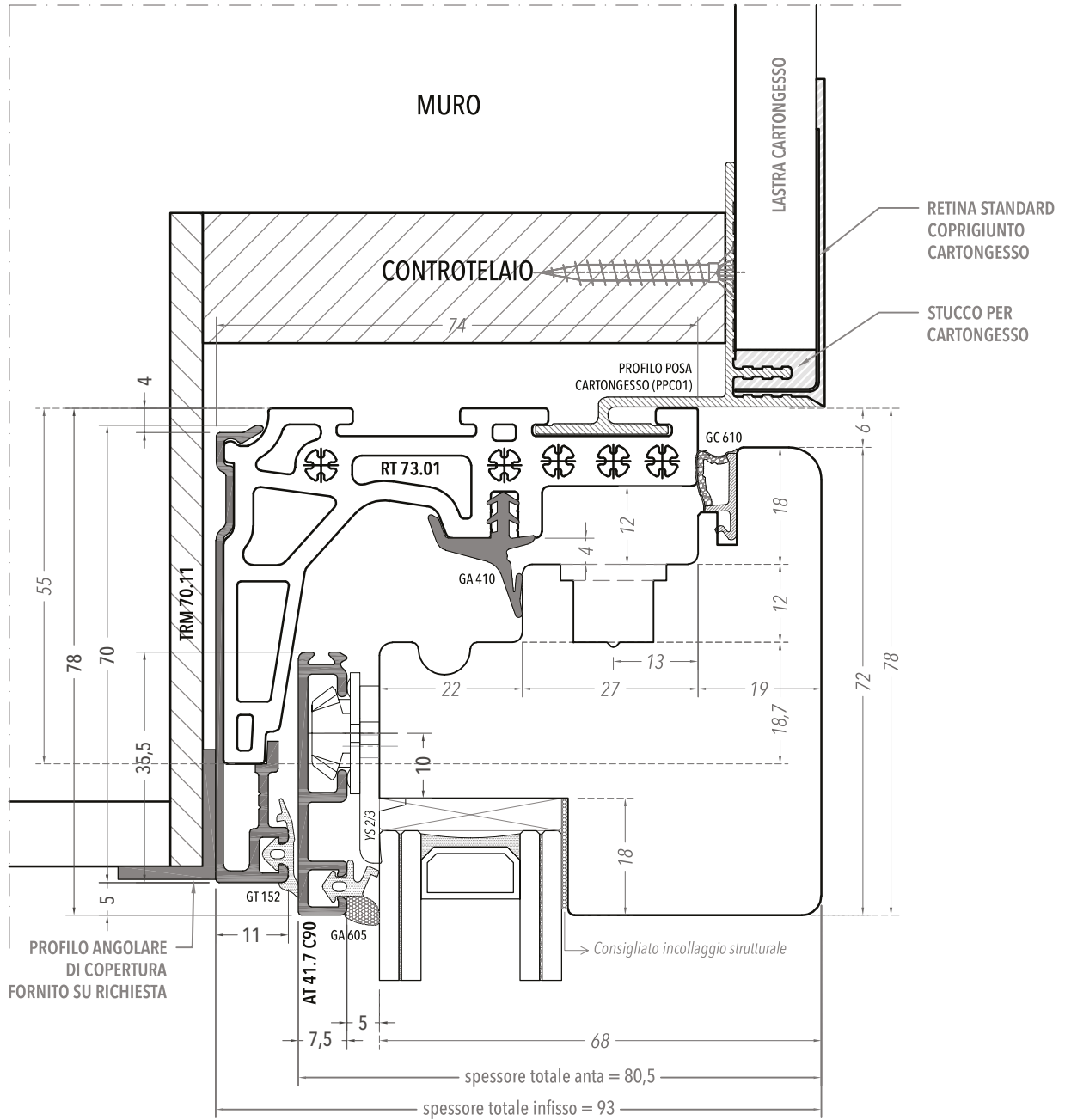
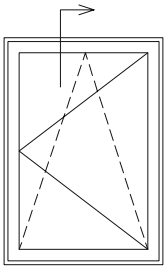


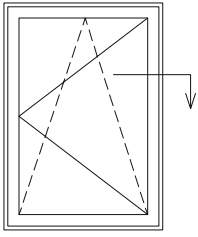
⊗ Alternare una basetta fermavetro auto-posizionante 15FV 2.2 a una clip a scatto YS 5.



Spessore telaio 74 mm
Spessore anta 68 mm

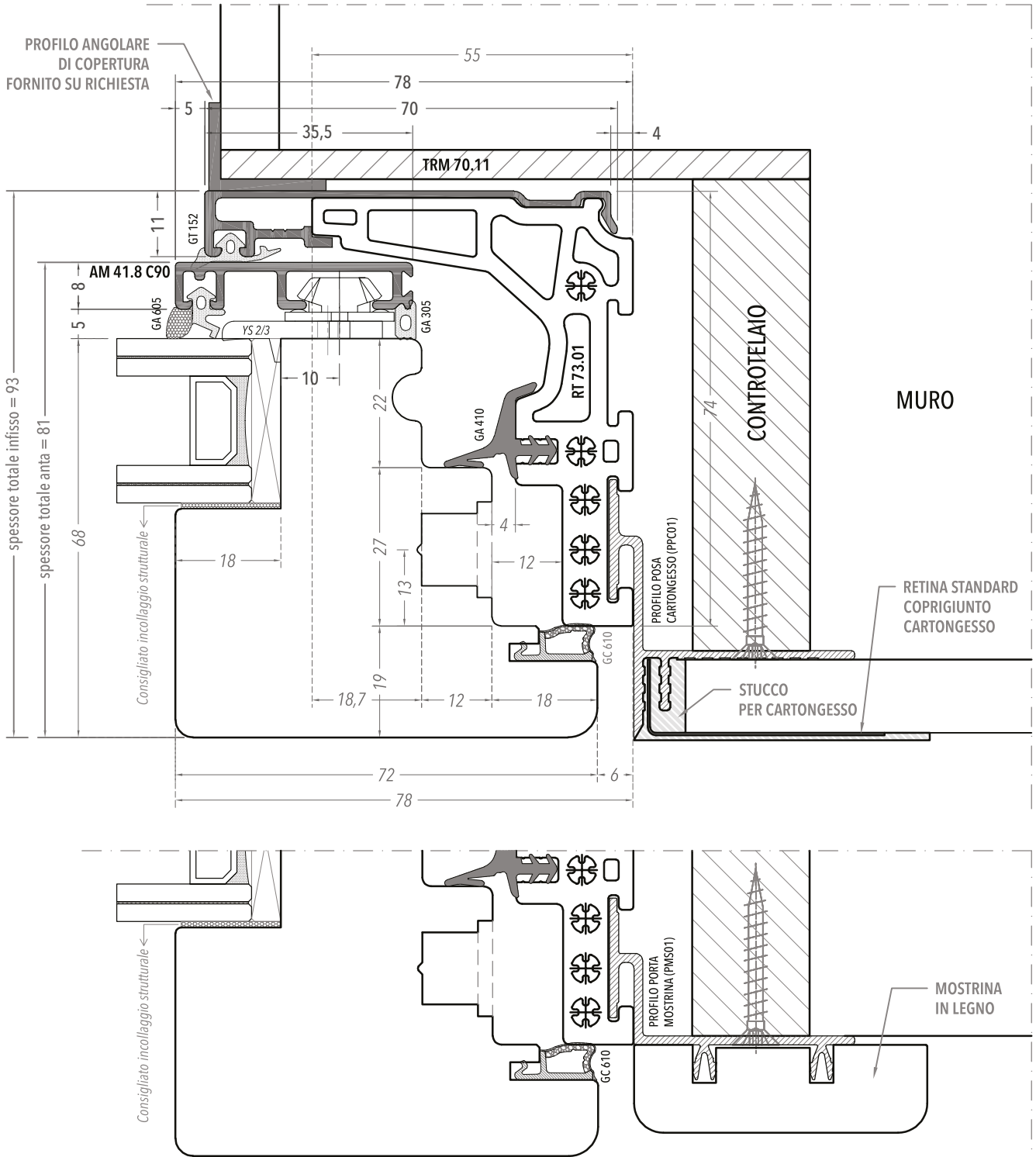
SLIM EKOTECH Antea

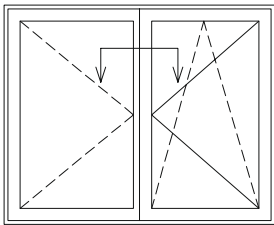




FINESTRA

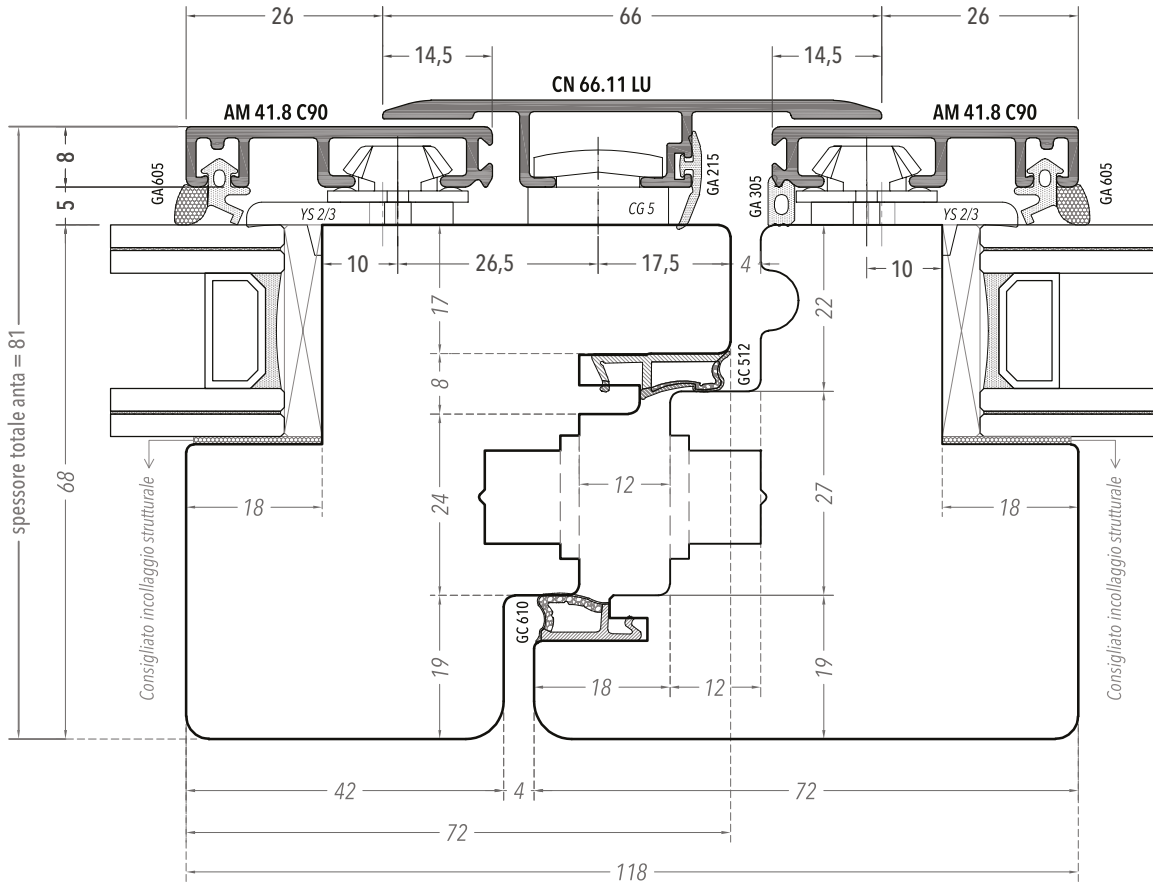
SEZIONE ORIZZONTALE
NODO LATERALE
SCALA 1:1

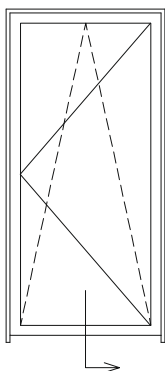




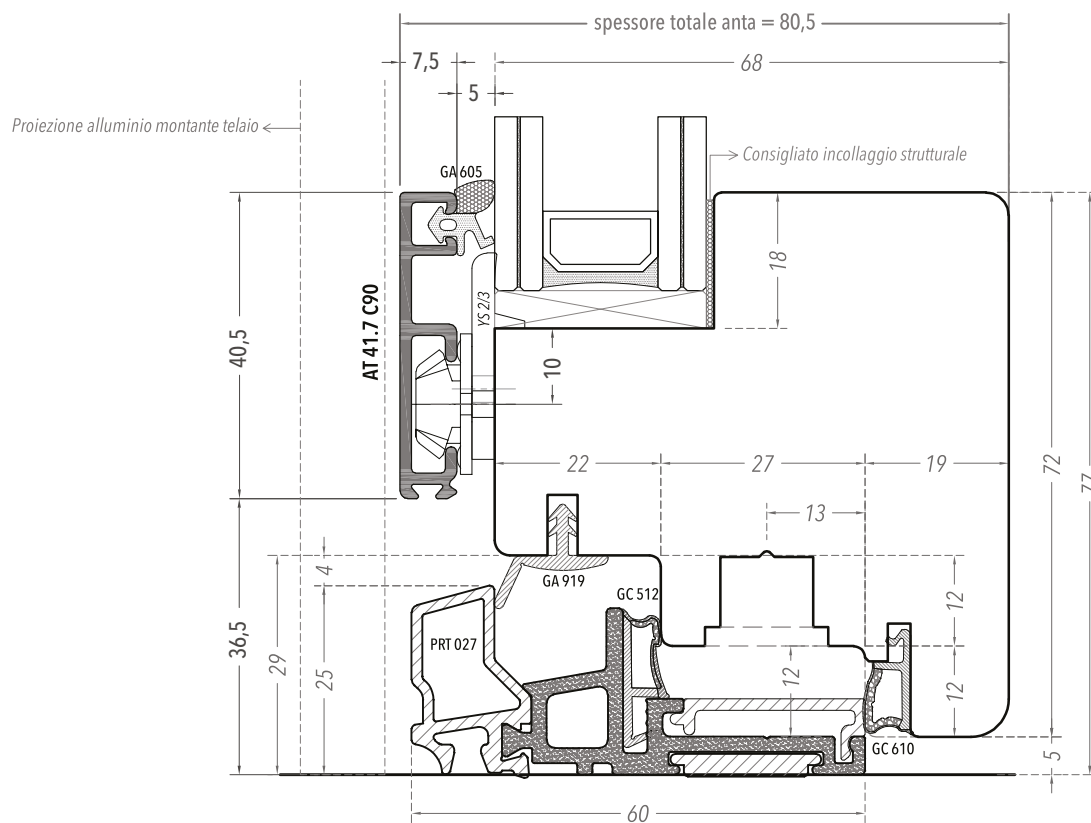
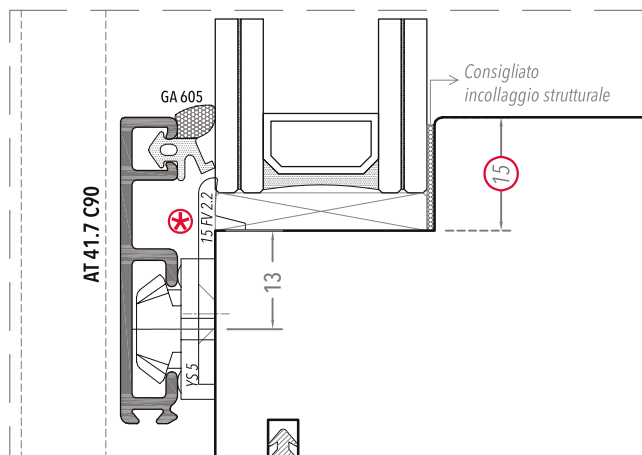
FINESTRA

SEZIONE ORIZZONTALE
 NODO CENTRALE
 SCALA 1:1

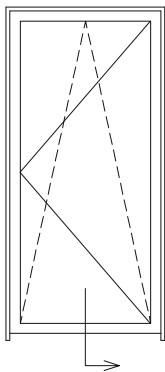




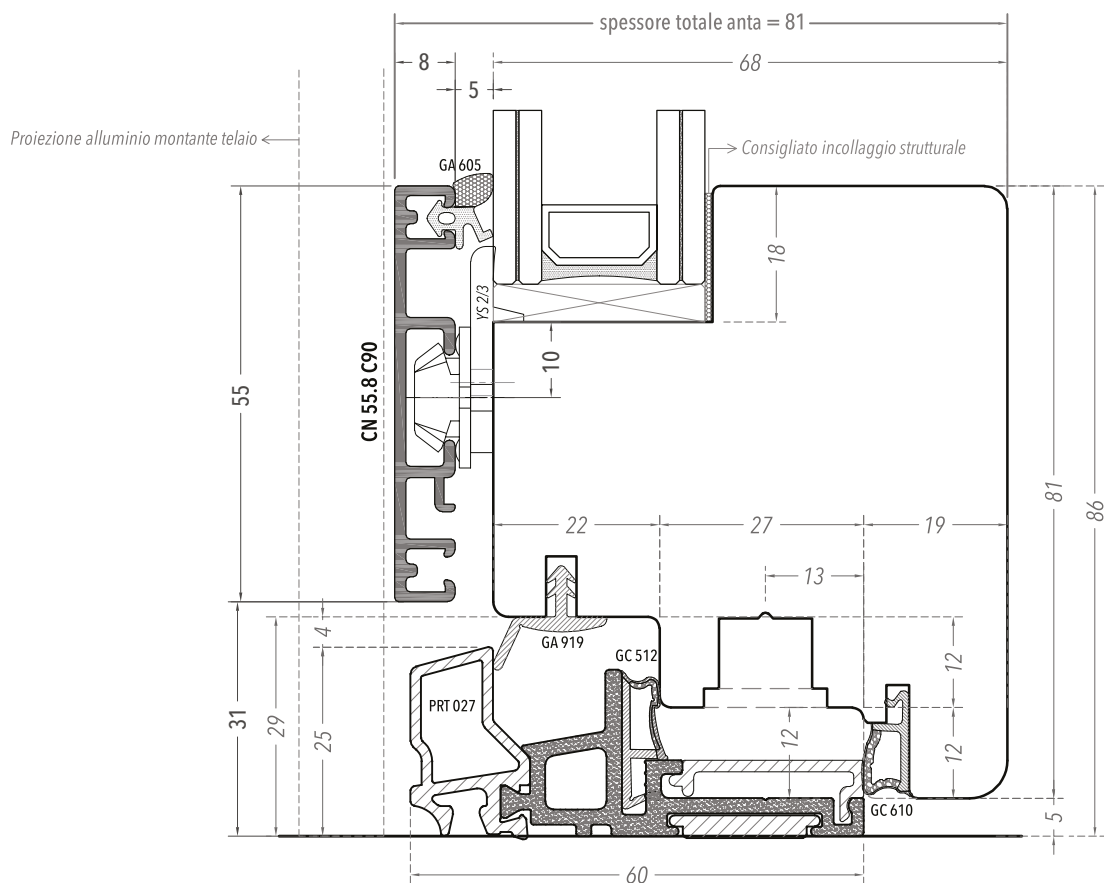
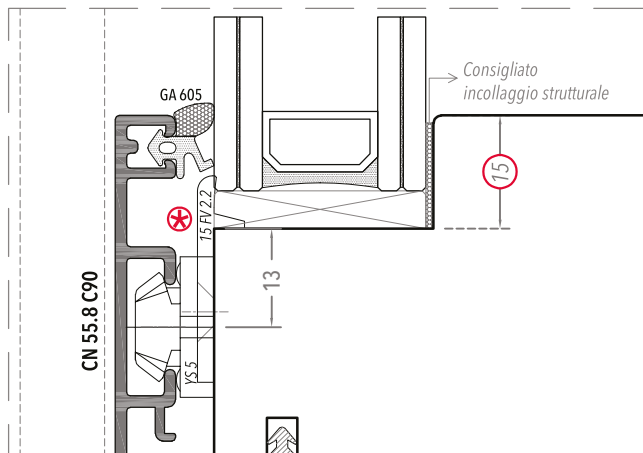
Variante con battuta vetro da 15mm



⊗ Alternare una basetta fermavetro auto-posizionante 15FV 2.2 a una clip a scatto YS 5.

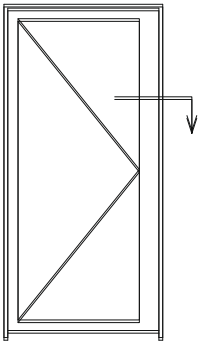


Variante con battuta vetro da 15mm



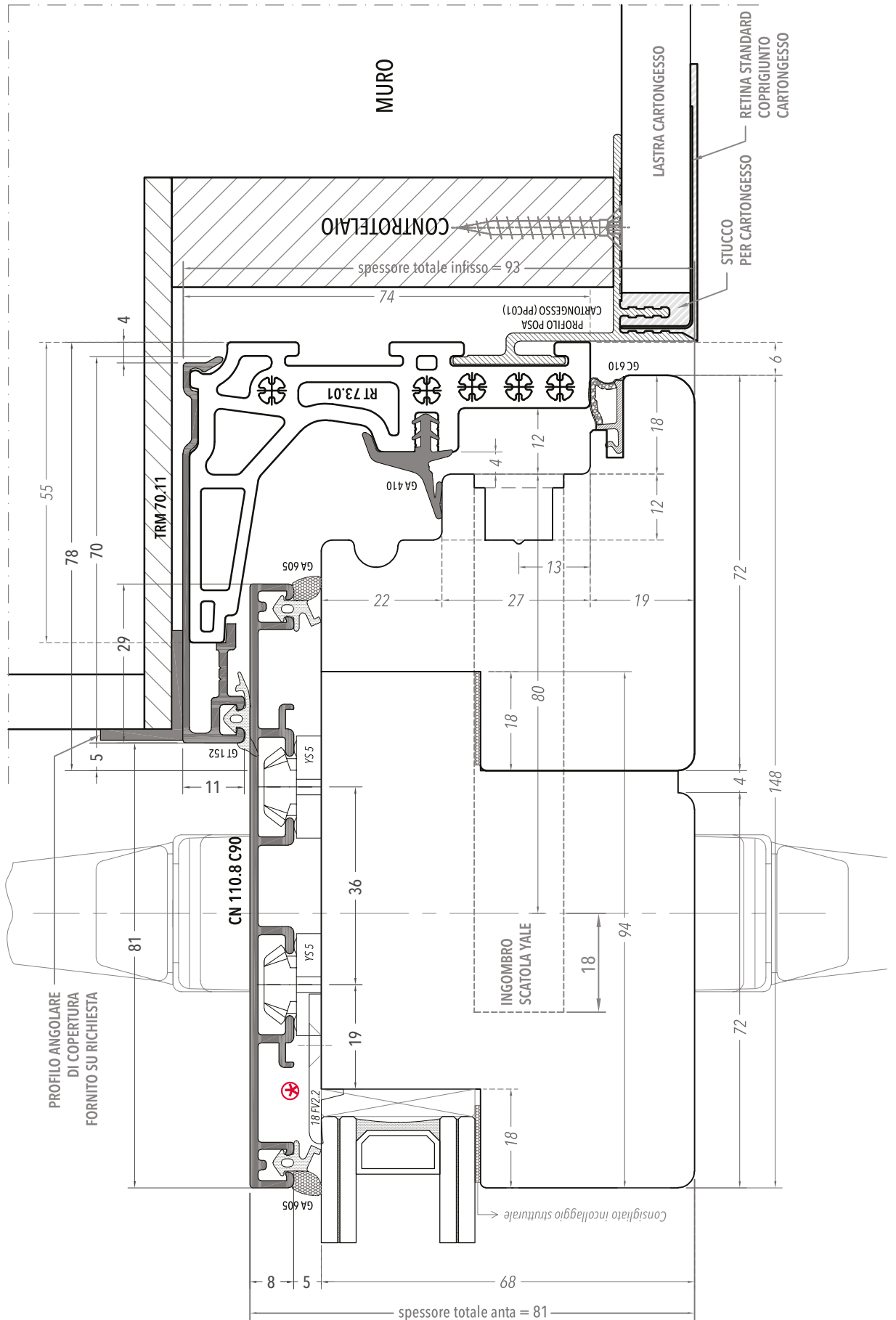
⊗ Alternare una basetta fermavetro auto-posizionante 15FV 2.2 a una clip a scatto YS 5.

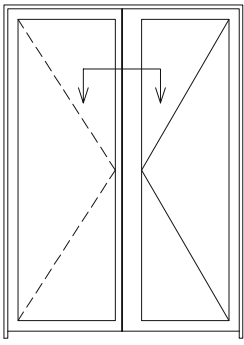
⊕ Alternare una basetta fermavetro auto-posizionante 15FV 2.2 a una clip a scatto YS 5.



PORTAFINESTRA CON SERRATURA PASSANTE

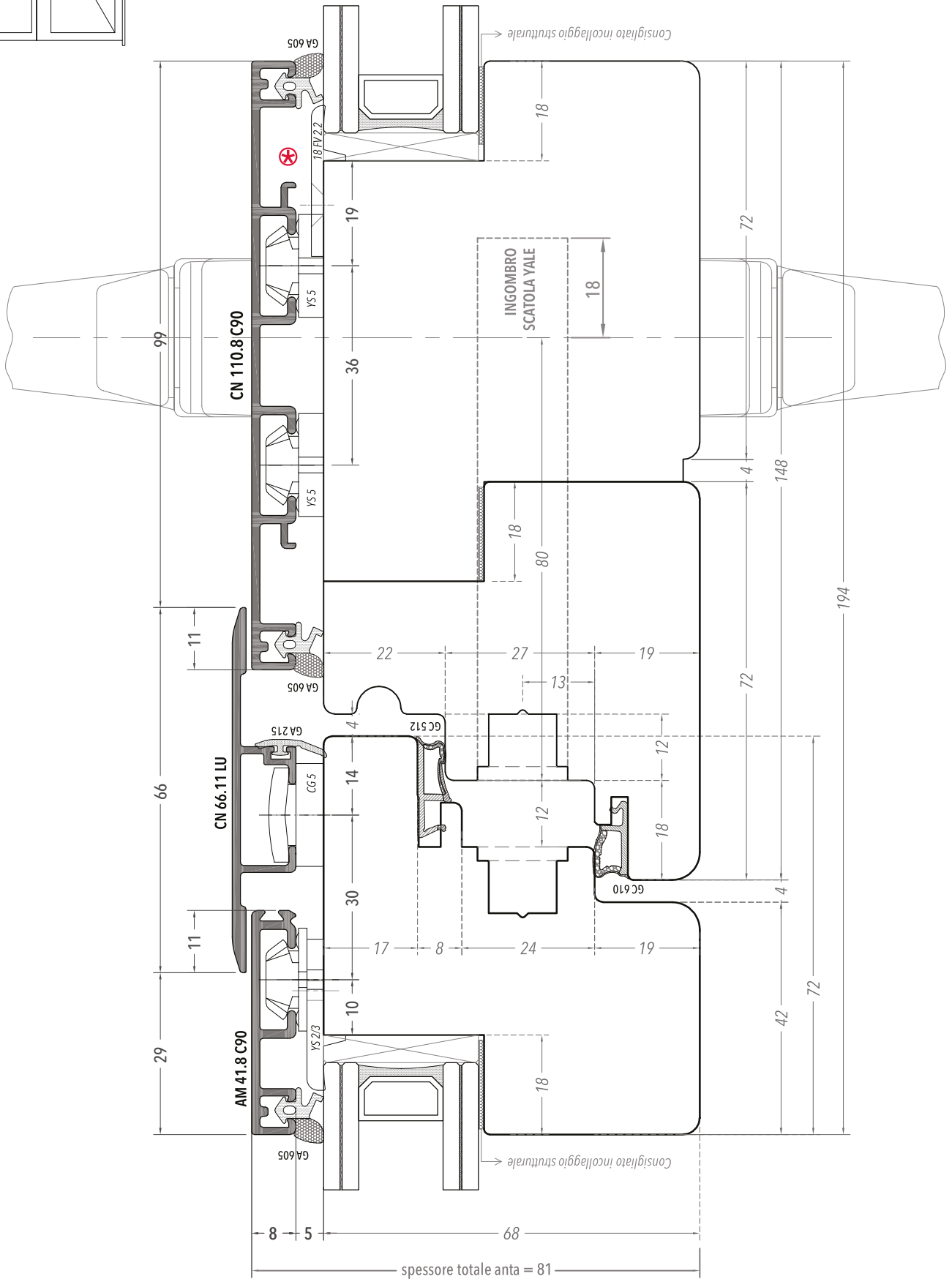
SEZIONE ORIZZONTALE
NODO LATERALE
SCALA 1:1





PORTAFINESTRA CON SERRATURA PASSANTE

SEZIONE ORIZZONTALE
NODO CENTRALE
SCALA 1:1



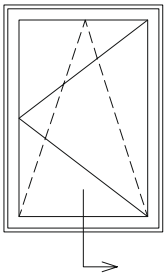
⊗ Alternare una basetta fermavetro auto-posizionante 15FV 2.2 a una clip a scatto YS 5.



Spessore telaio 86 mm
Spessore anta 80 mm

GRACE

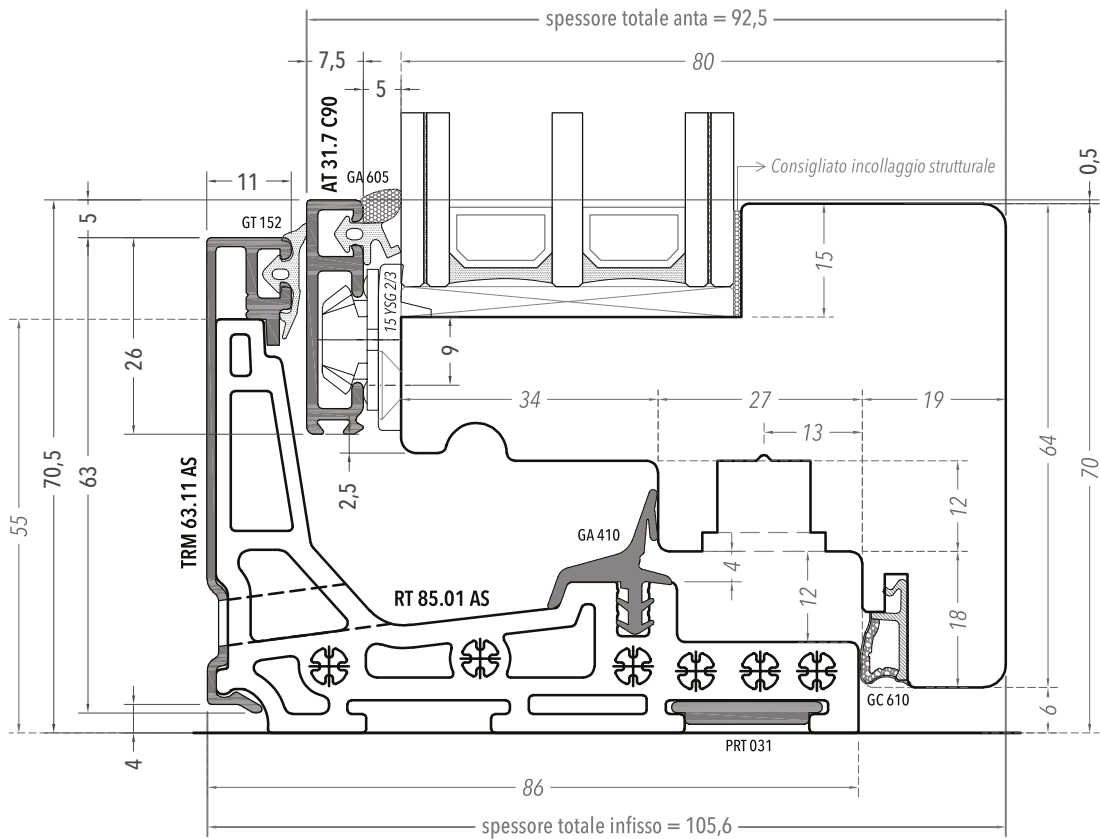
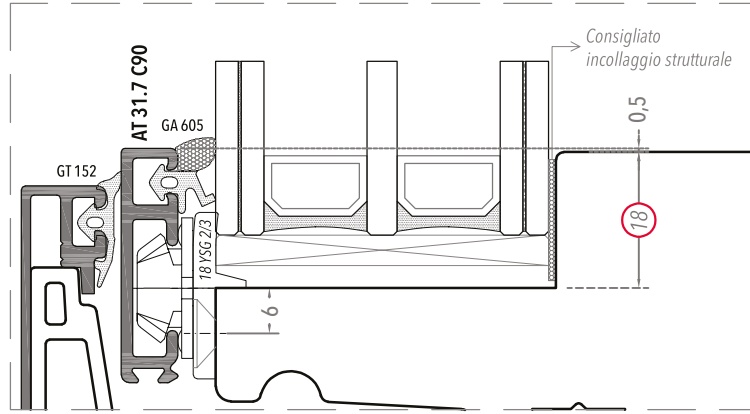
EKOTECH GRACE

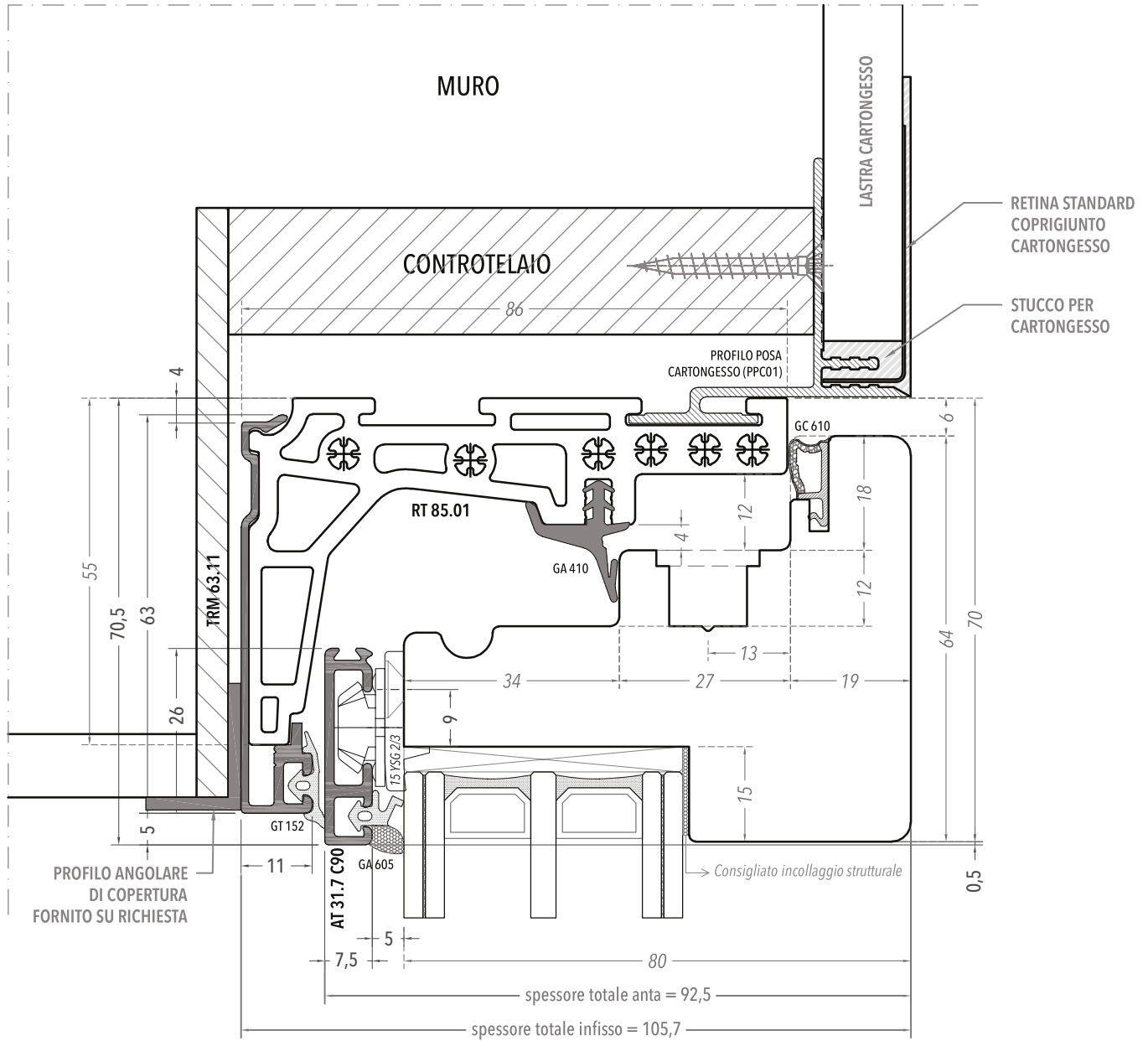
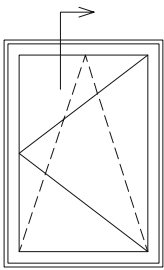


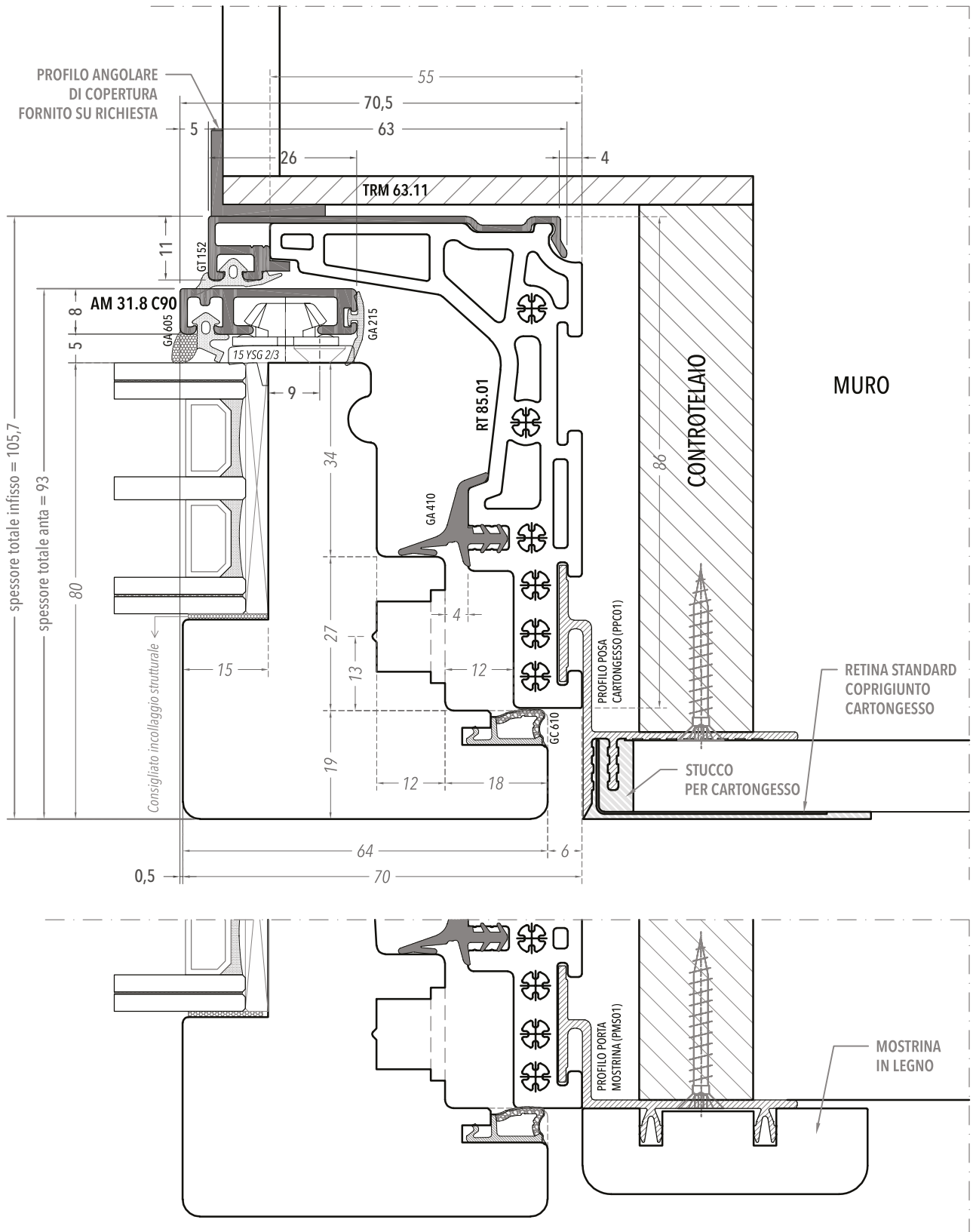
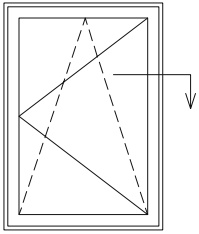
FINESTRA

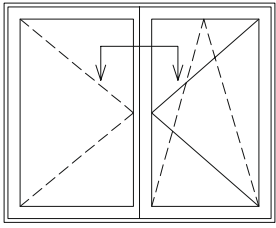
SEZIONE VERTICALE
NODO INFERIORE
SCALA 1:1

Variante con battuta vetro da 18mm e clip 18 YSG2/3

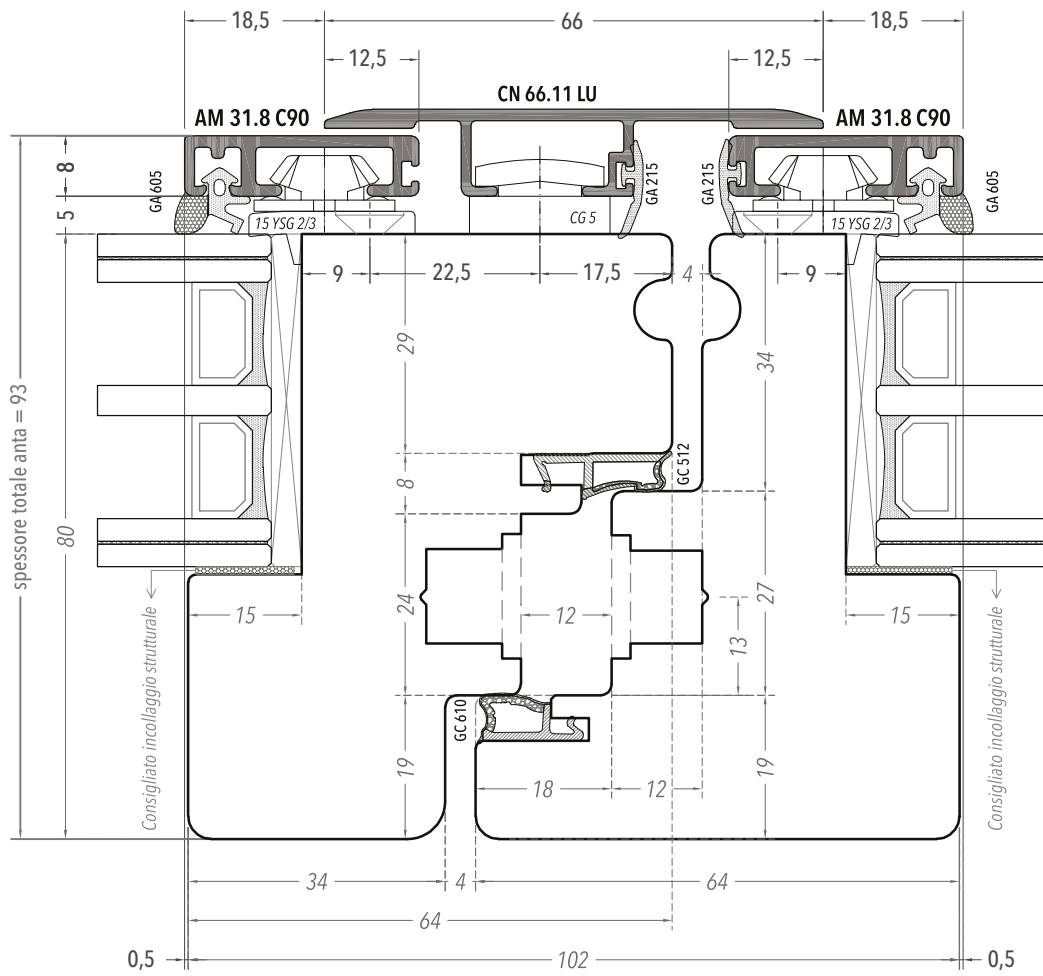


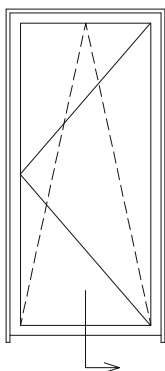




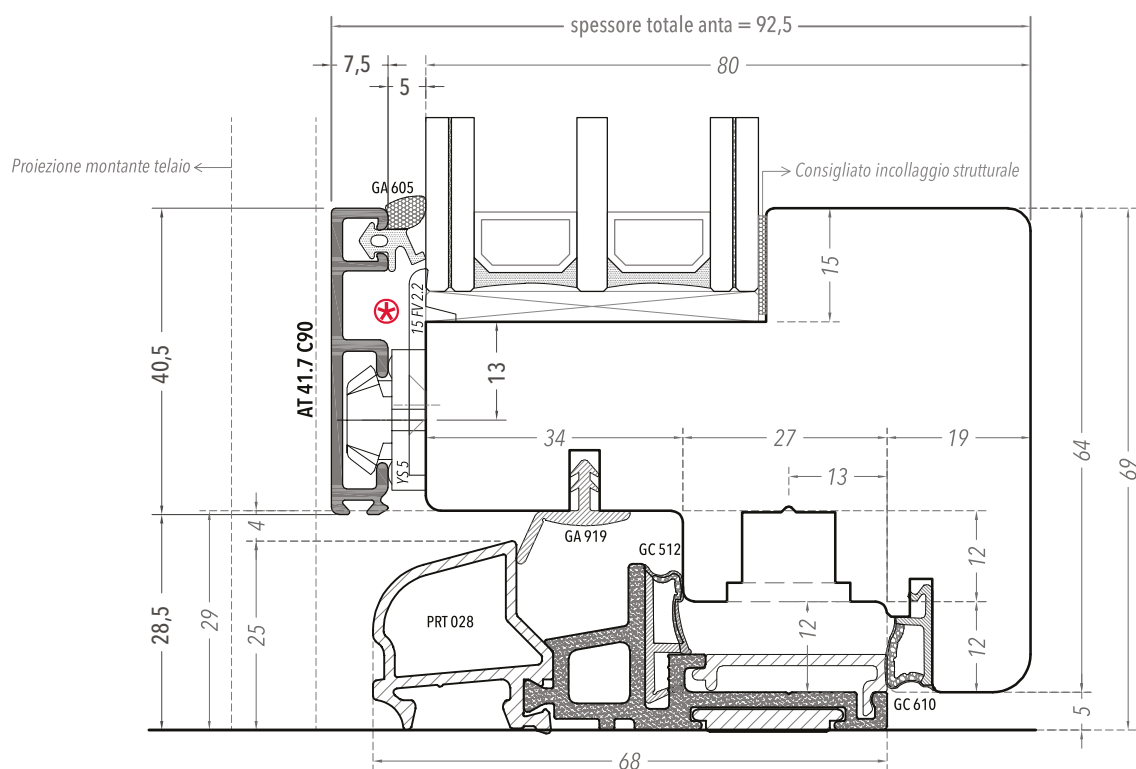
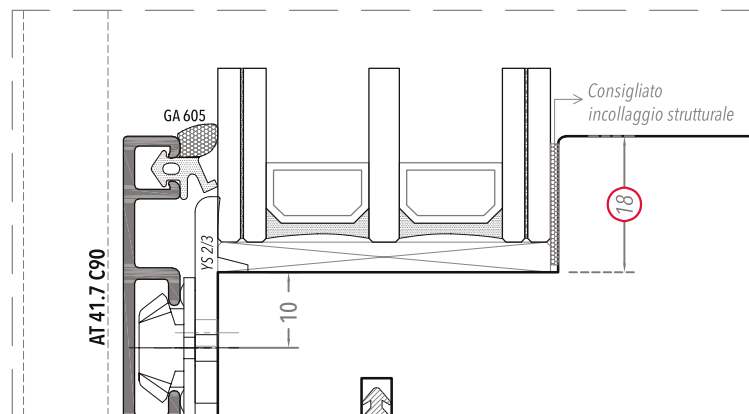


FINESTRA
 SEZIONE ORIZZONTALE
 NODO CENTRALE
 SCALA 1:1





Variante con battuta vetro da 18mm e clip 18 YSG2/3

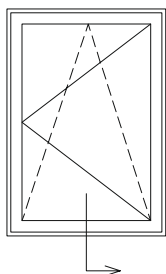


⊗ Alternare una basetta fermavetro auto-posizionante 15FV 2.2 a una clip a scatto YS 5.

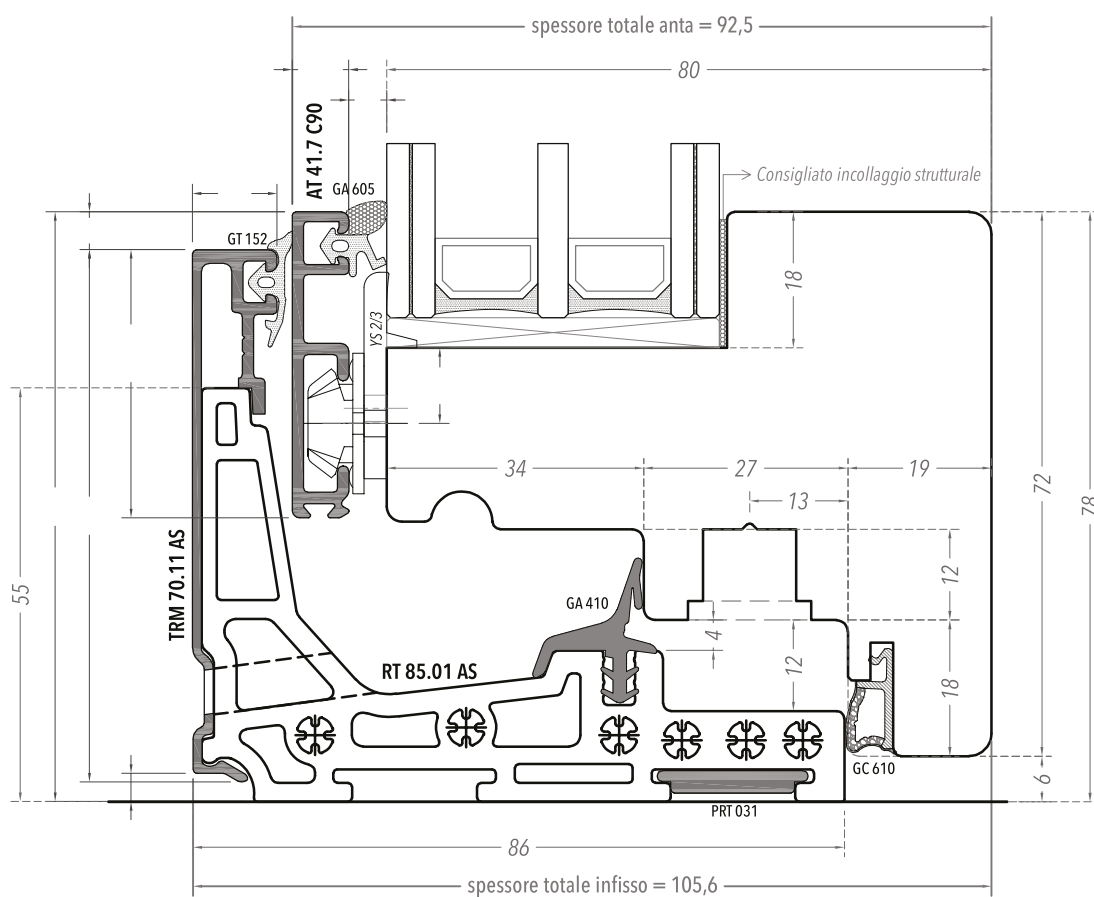
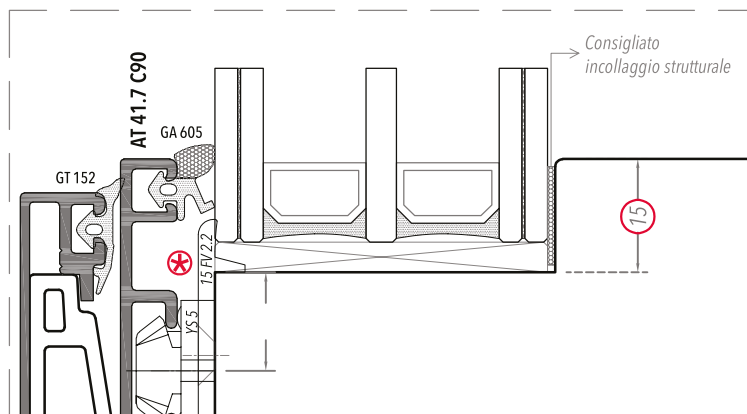


Spessore telaio 86 mm
Spessore anta 80 mm

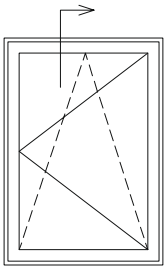
SLIM EKOTECH Antea



Variante con battuta vetro da 15mm

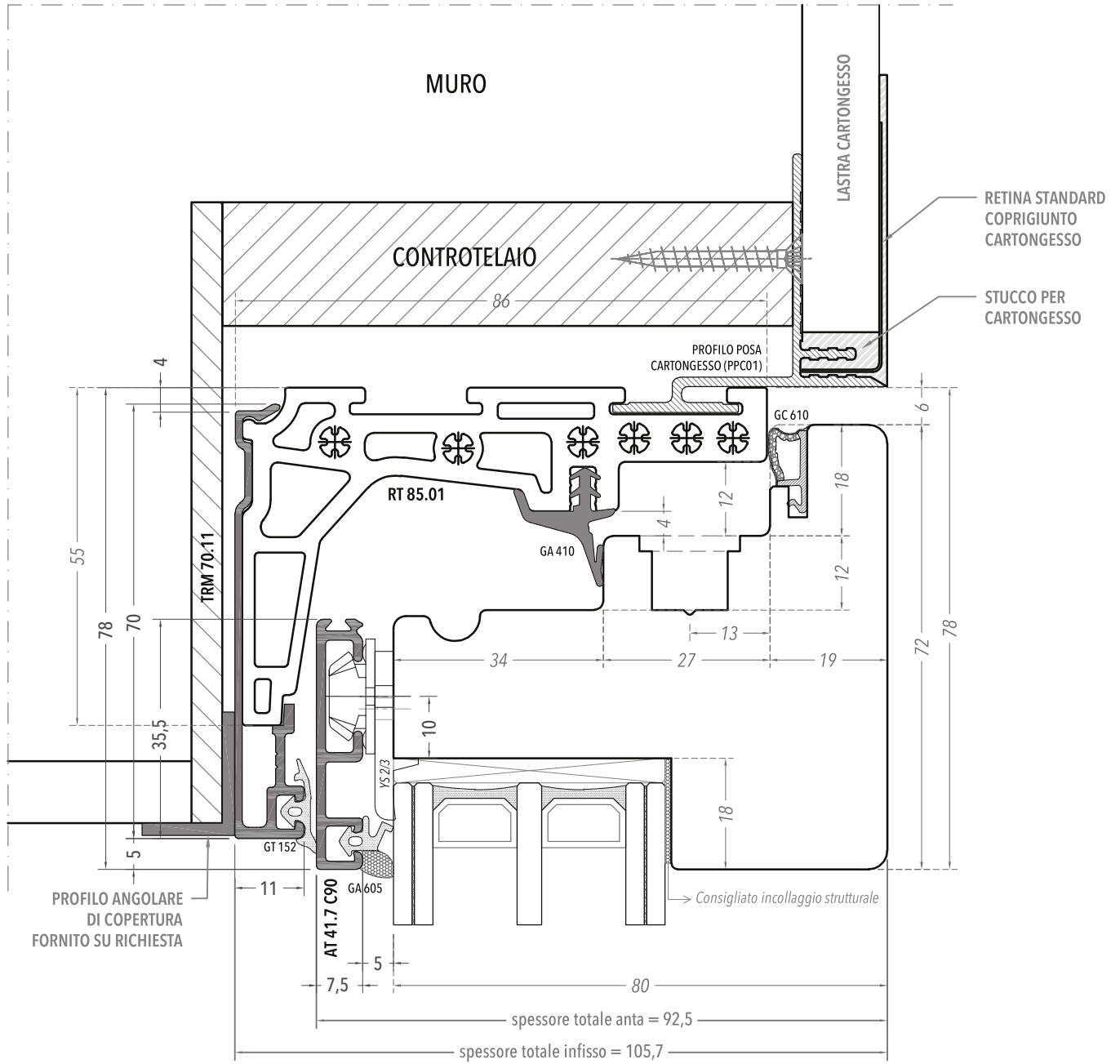


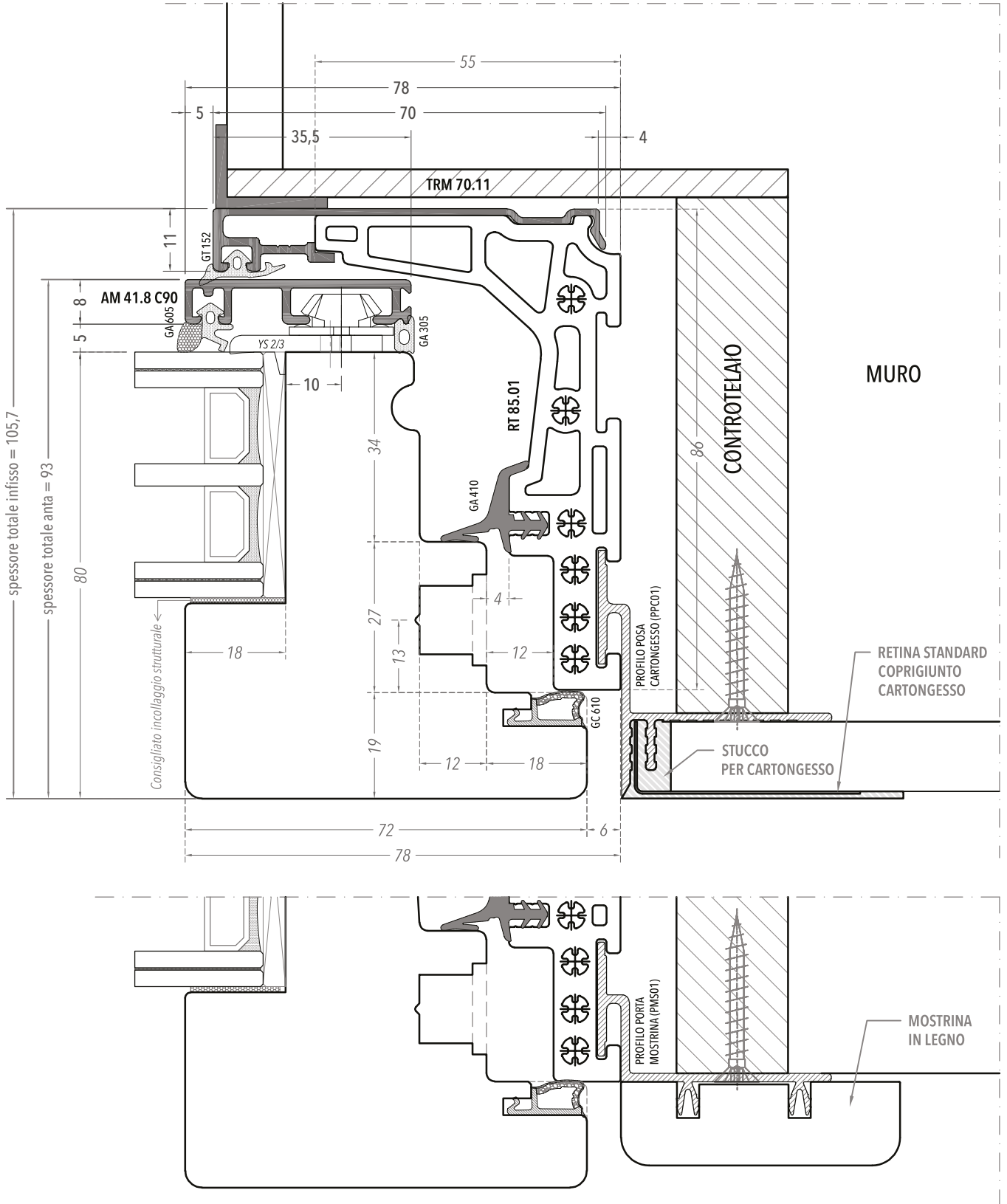
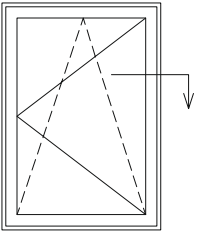
⊗ Alternare una basetta fermavetro auto-posizionante 15FV 2.2 a una clip a scatto YS 5.

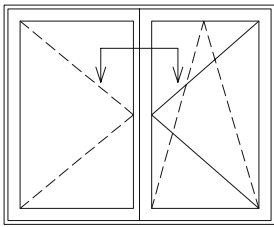


FINESTRA

SEZIONE VERTICALE
NODO SUPERIORE
SCALA 1:1

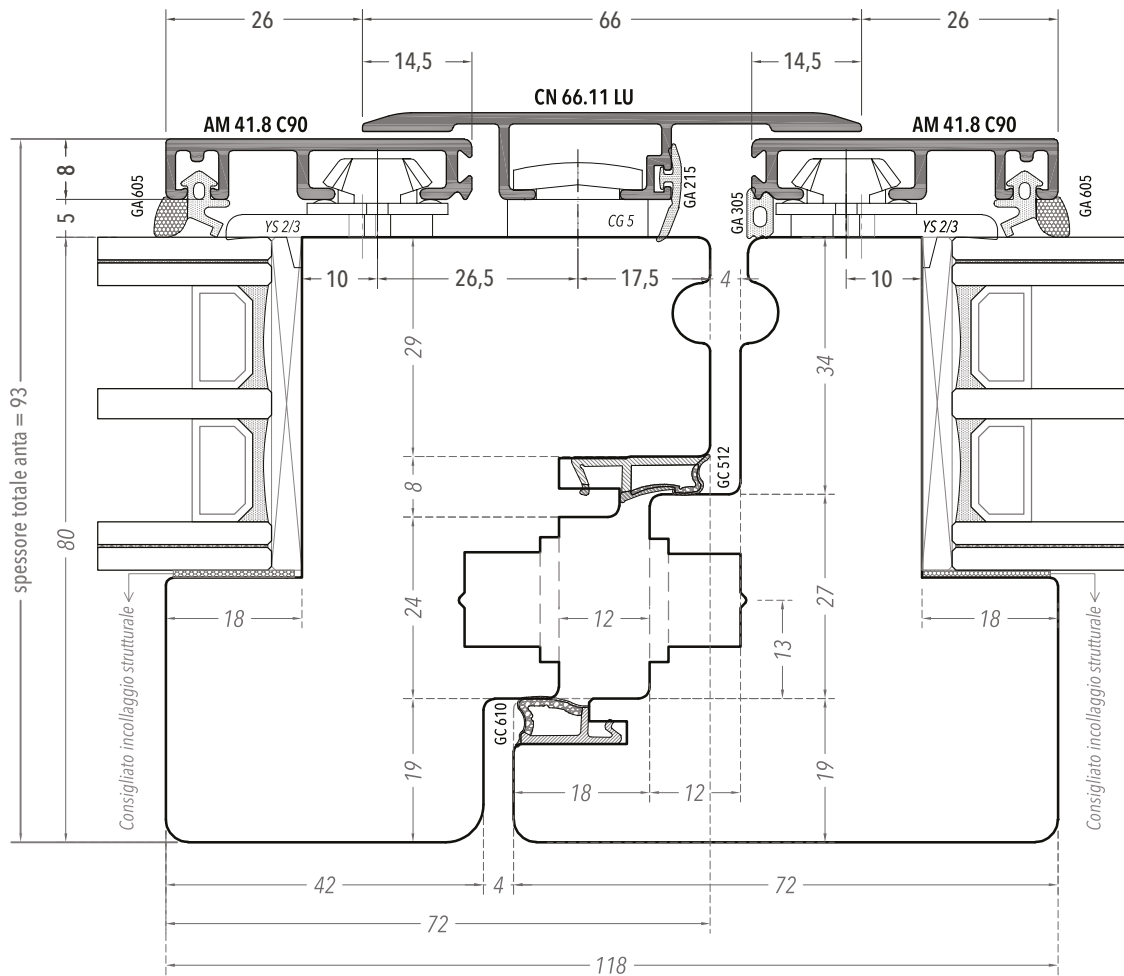






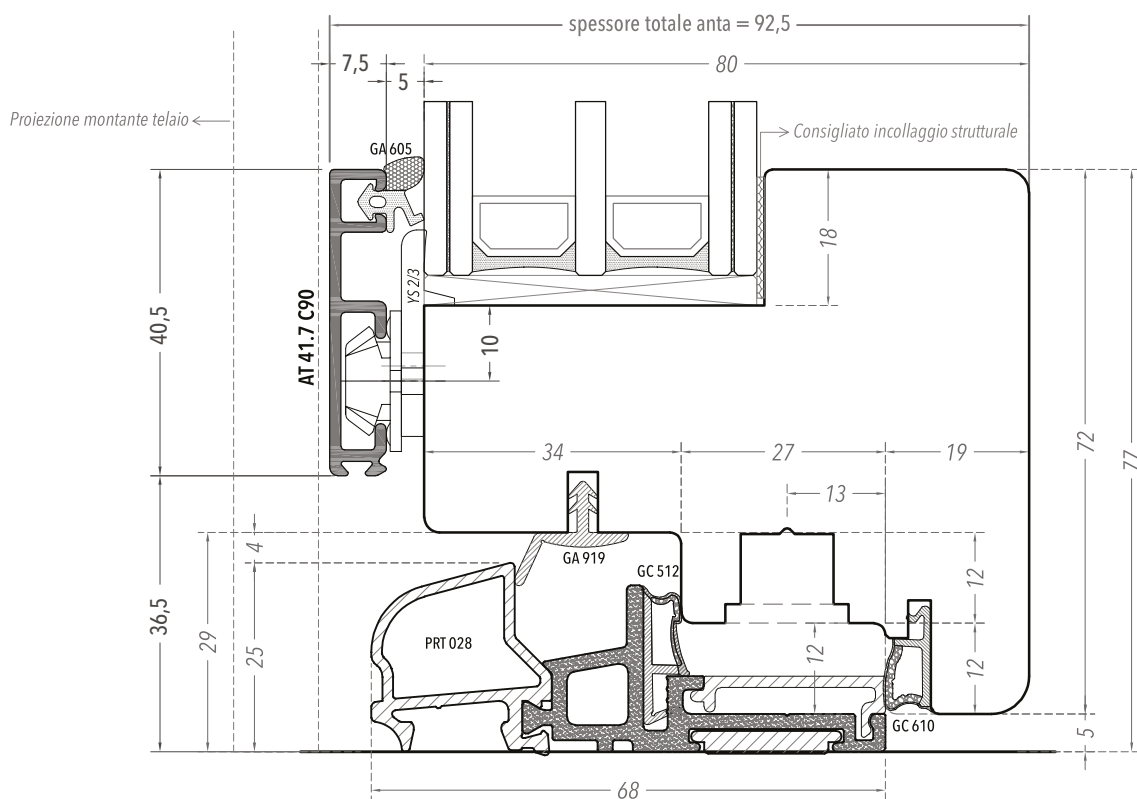
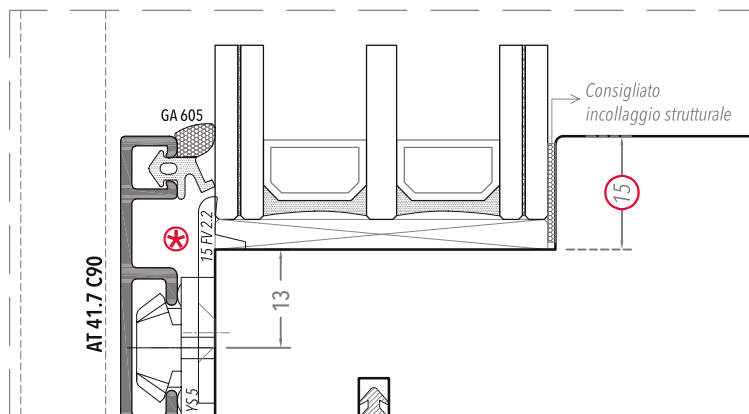
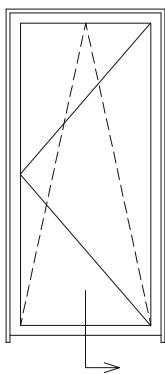
FINESTRA

SEZIONE ORIZZONTALE
 NODO CENTRALE
 SCALA 1:1

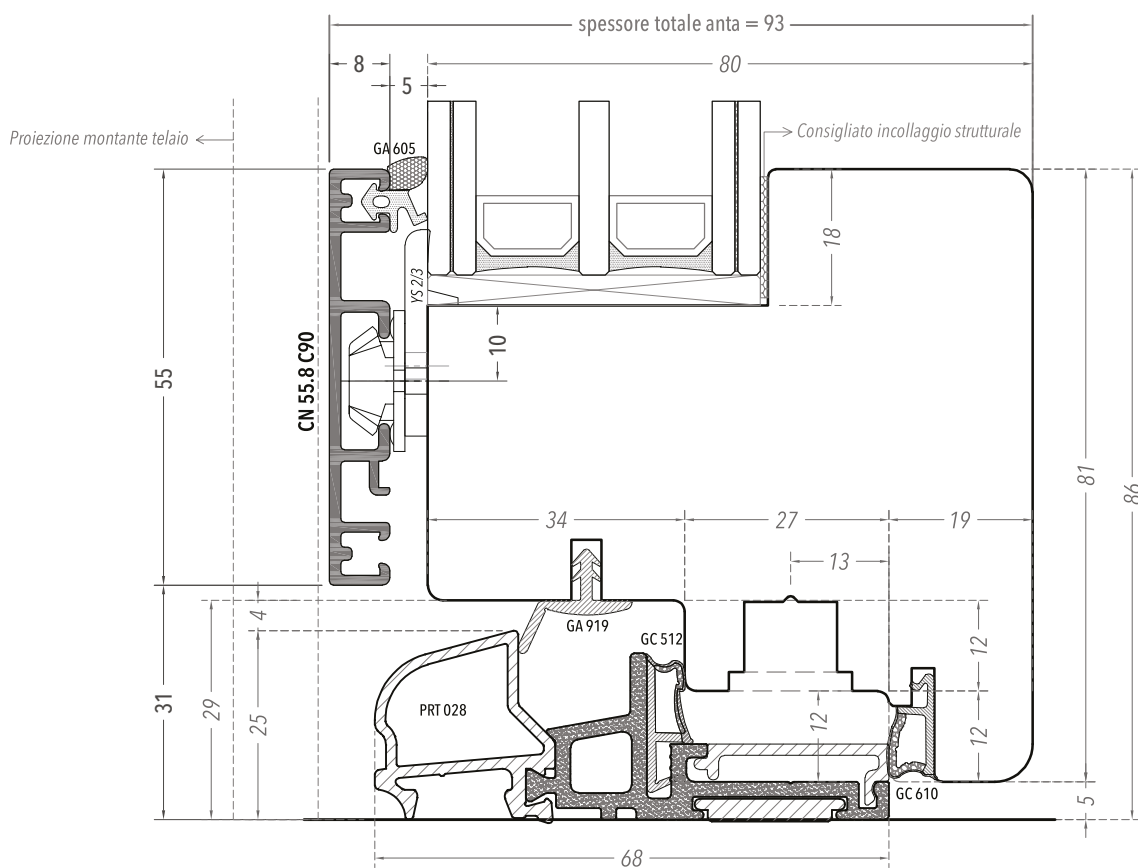
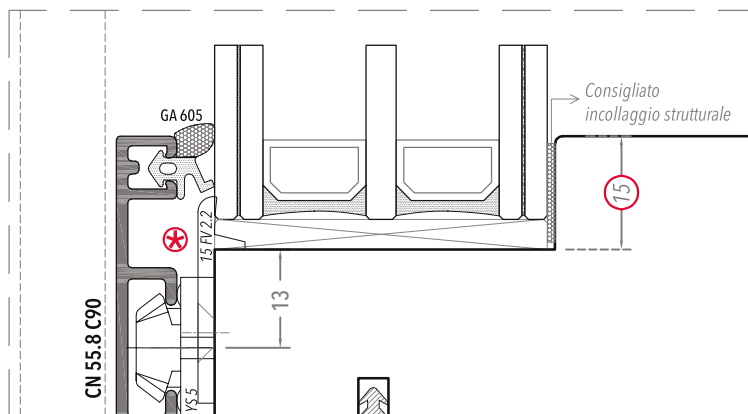
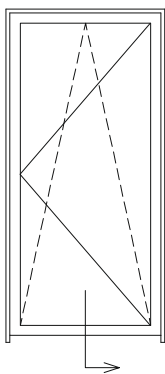


PORTAFINESTRA

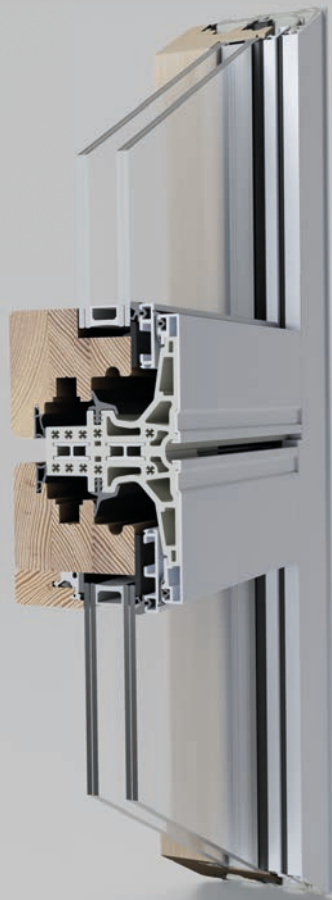
SEZIONE VERTICALE
NODO INFERIORE
SCALA 1:1



⊗ Alternare una basetta fermavetro auto-posizionante 15FV 2.2 a una clip a scatto YS 5.



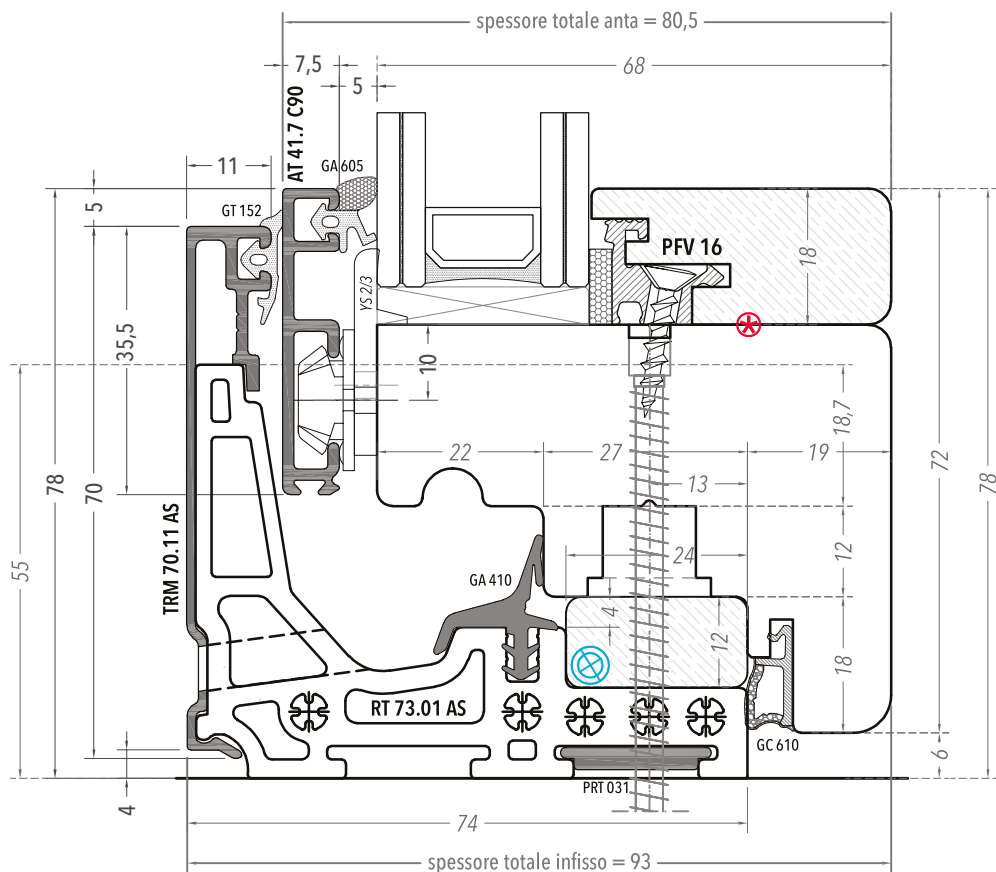
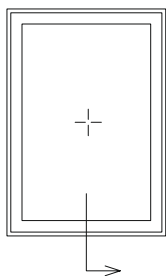
⊗ Alternare una basetta fermavetro auto-posizionante 15FV 2.2 a una clip a scatto YS 5.



FISSI E

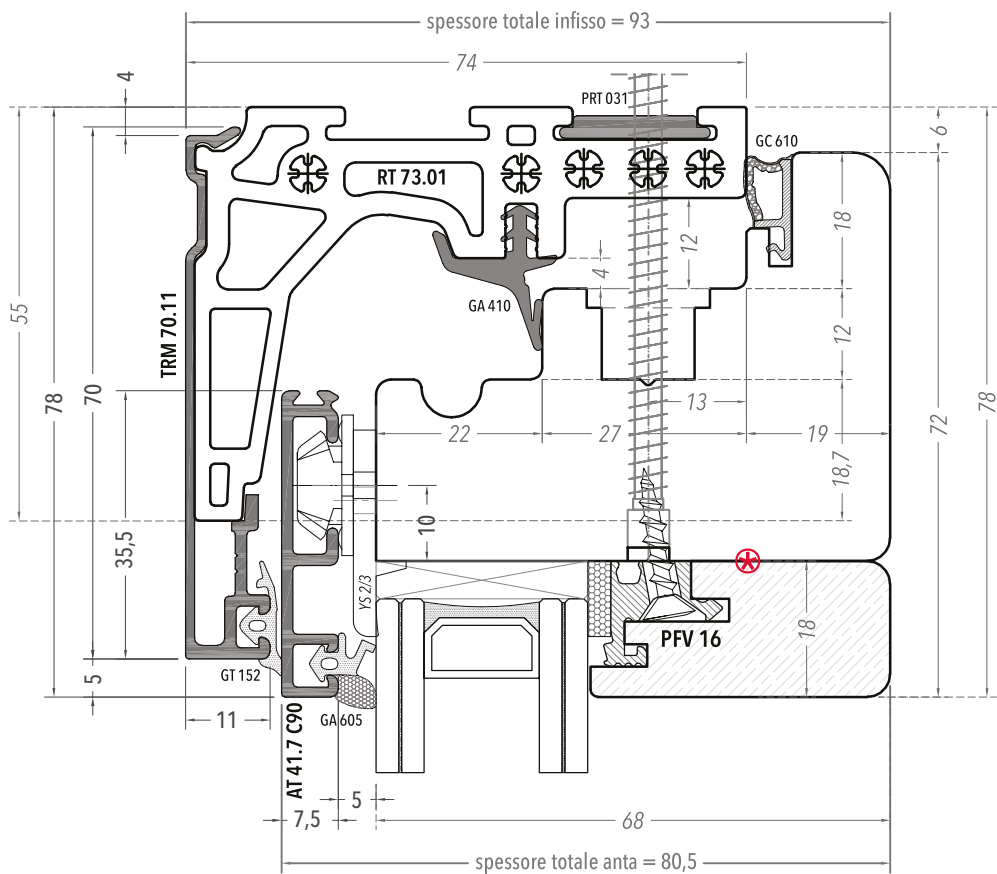
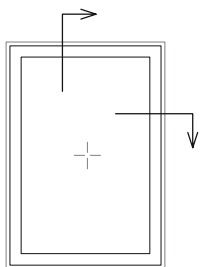
ABBINAMENTI

EKOTECH



⊛ Siliconatura del listello in legno.

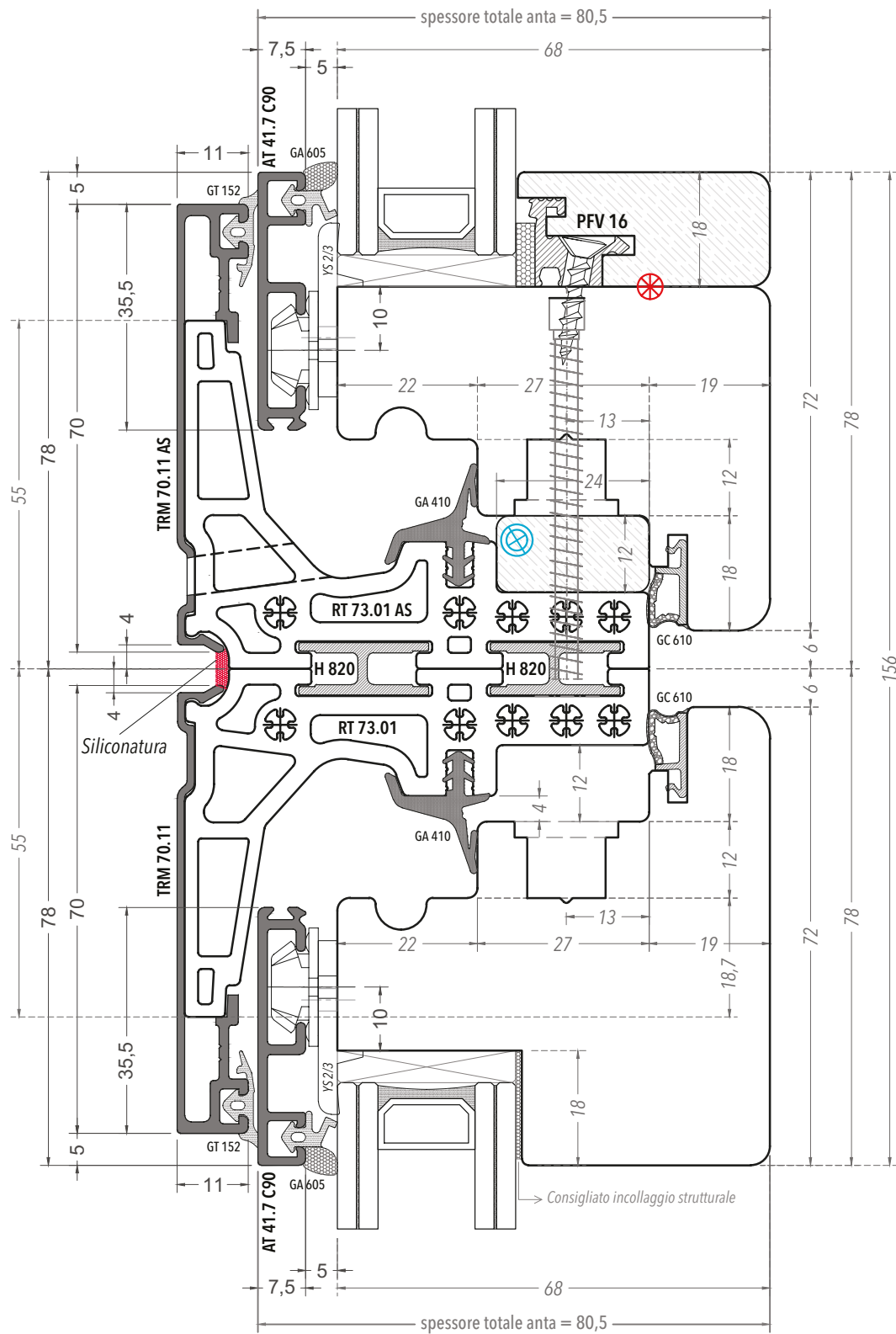
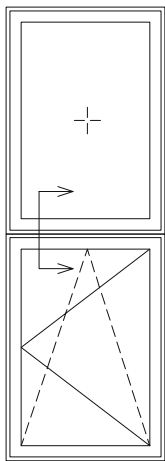
⊛ Listello distanziale in legno a sostituzione della ferramenta per appoggio anta su telaio. Valido solo su traverso inferiore, in modo da mantenere la distanza tra anta e telaio di 4mm.



⊗ Siliconatura del listello in legno.

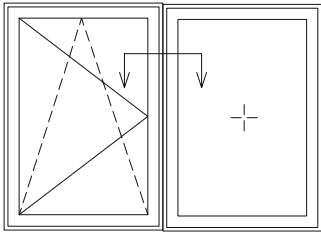
VERSIONE SLIM
APRIBILE CON SOPRA-LUCE

SEZIONE VERTICALE
NODO ABBINAMENTO
SCALA 1:1



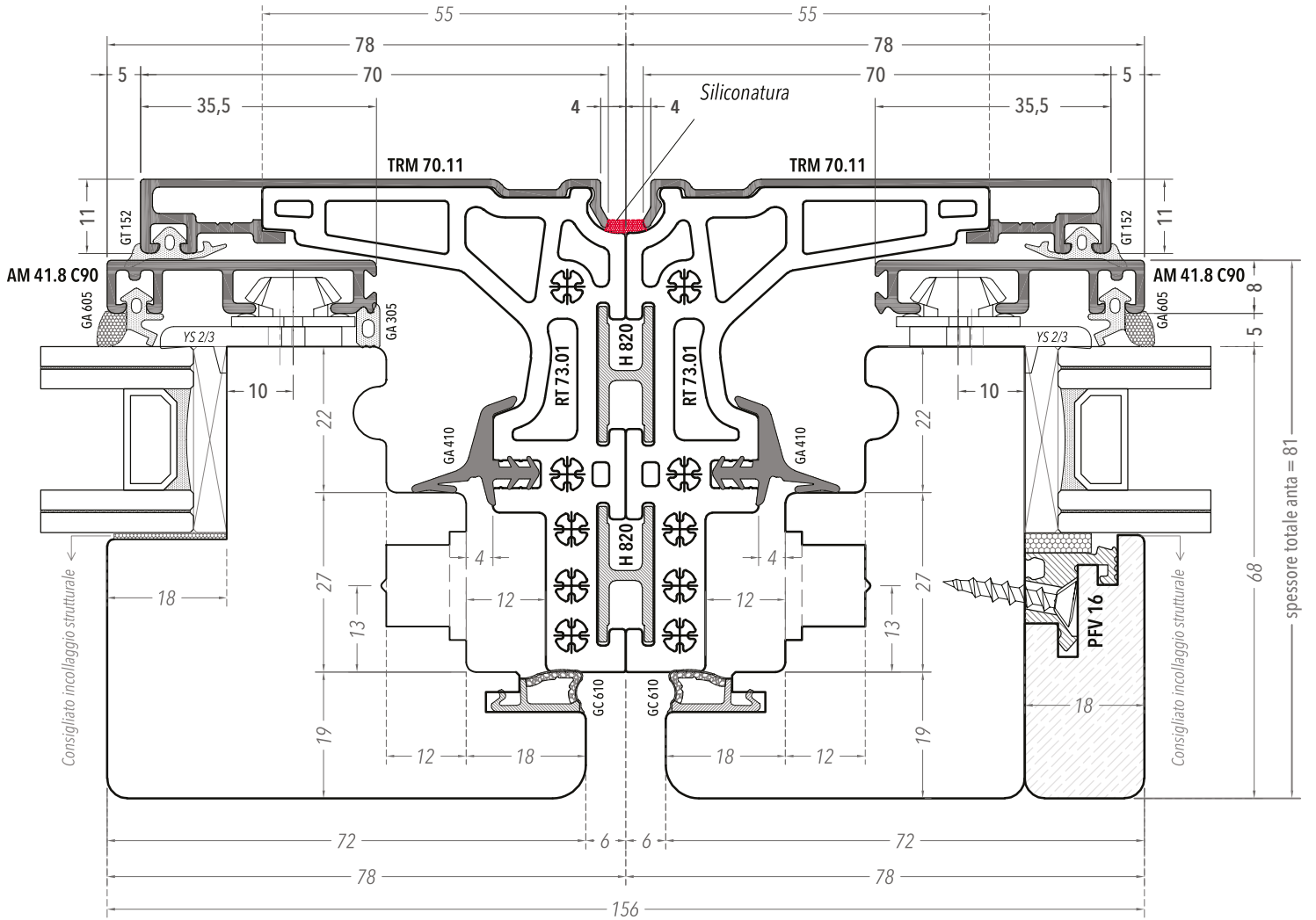
⊗ Siliconatura del listello in legno.

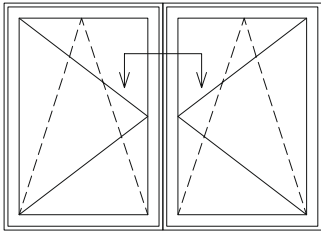
⊕ Listello distanziale in legno a sostituzione della ferramenta per appoggio anta su telaio. Valido solo su traverso inferiore, in modo da mantenere la distanza tra anta e telaio di 4mm.



VERSIONE SLIM
FINESTRA CON FIANCO-LUCE

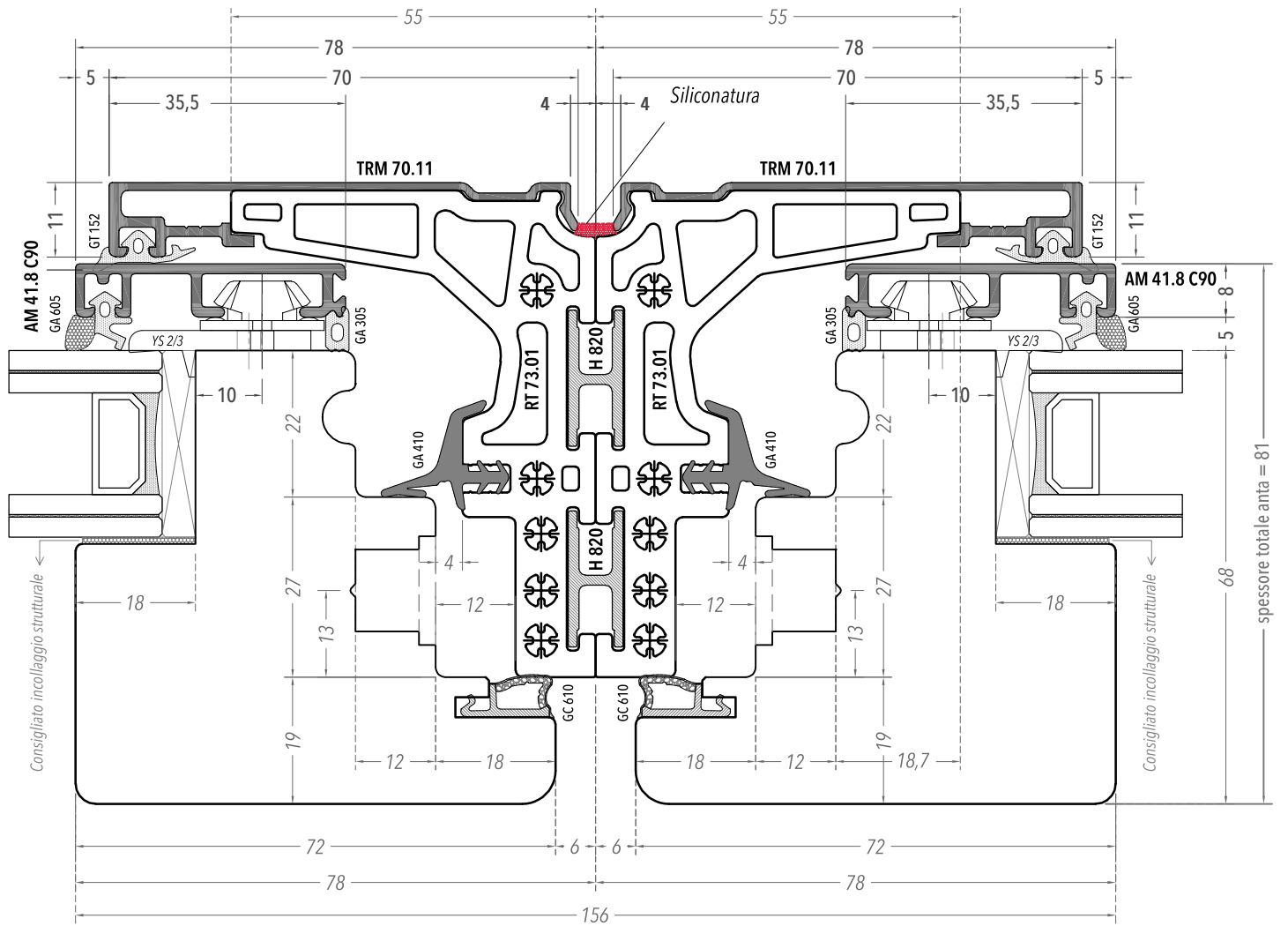
SEZIONE ORIZZONTALE
NODO ABBINAMENTO
SCALA 1:1

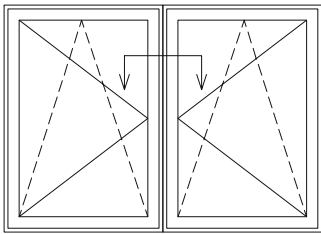




VERSIONE SLIM
ABBINAMENTO APRIBILI

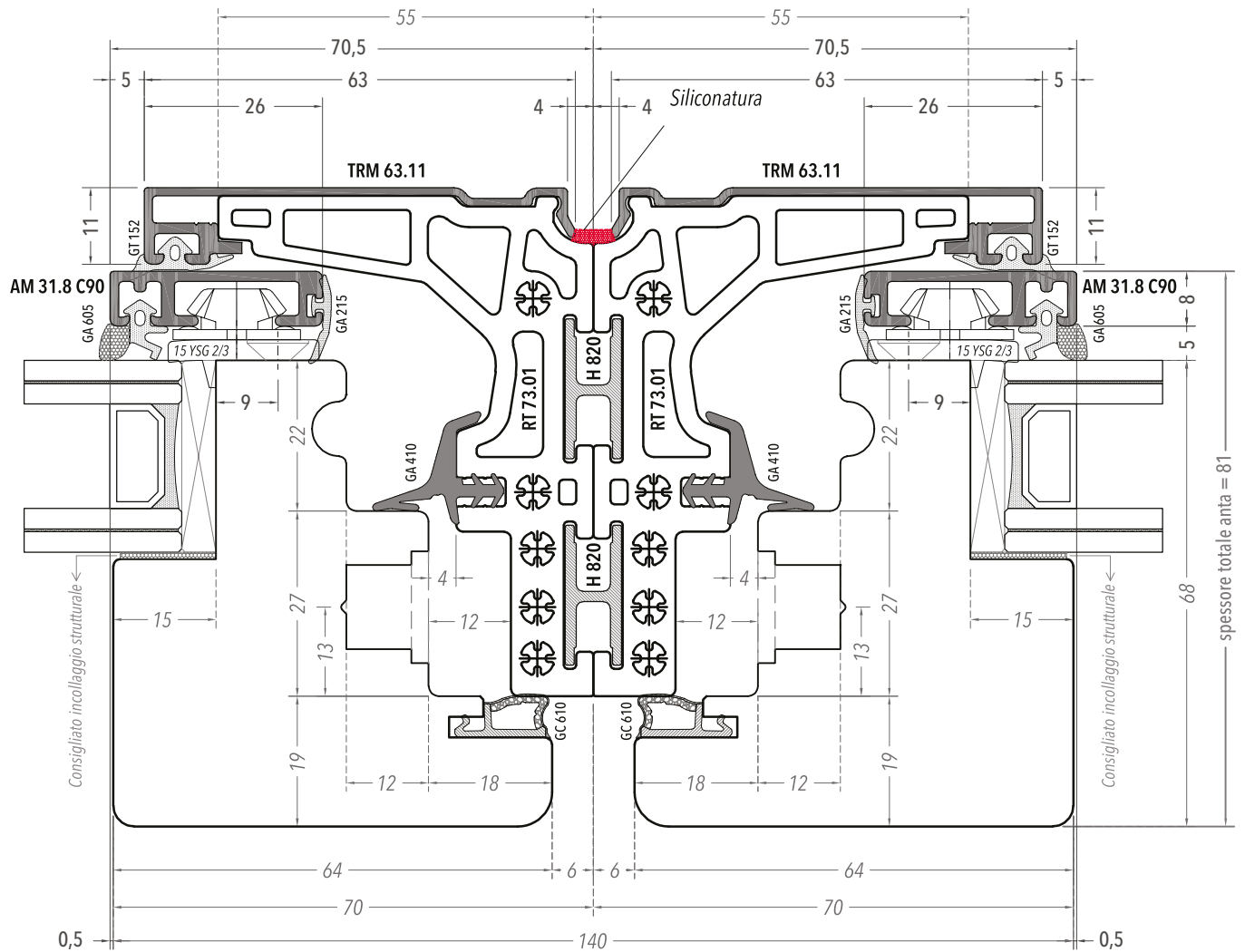
SEZIONE ORIZZONTALE
NODO CENTRALE
SCALA 1:1





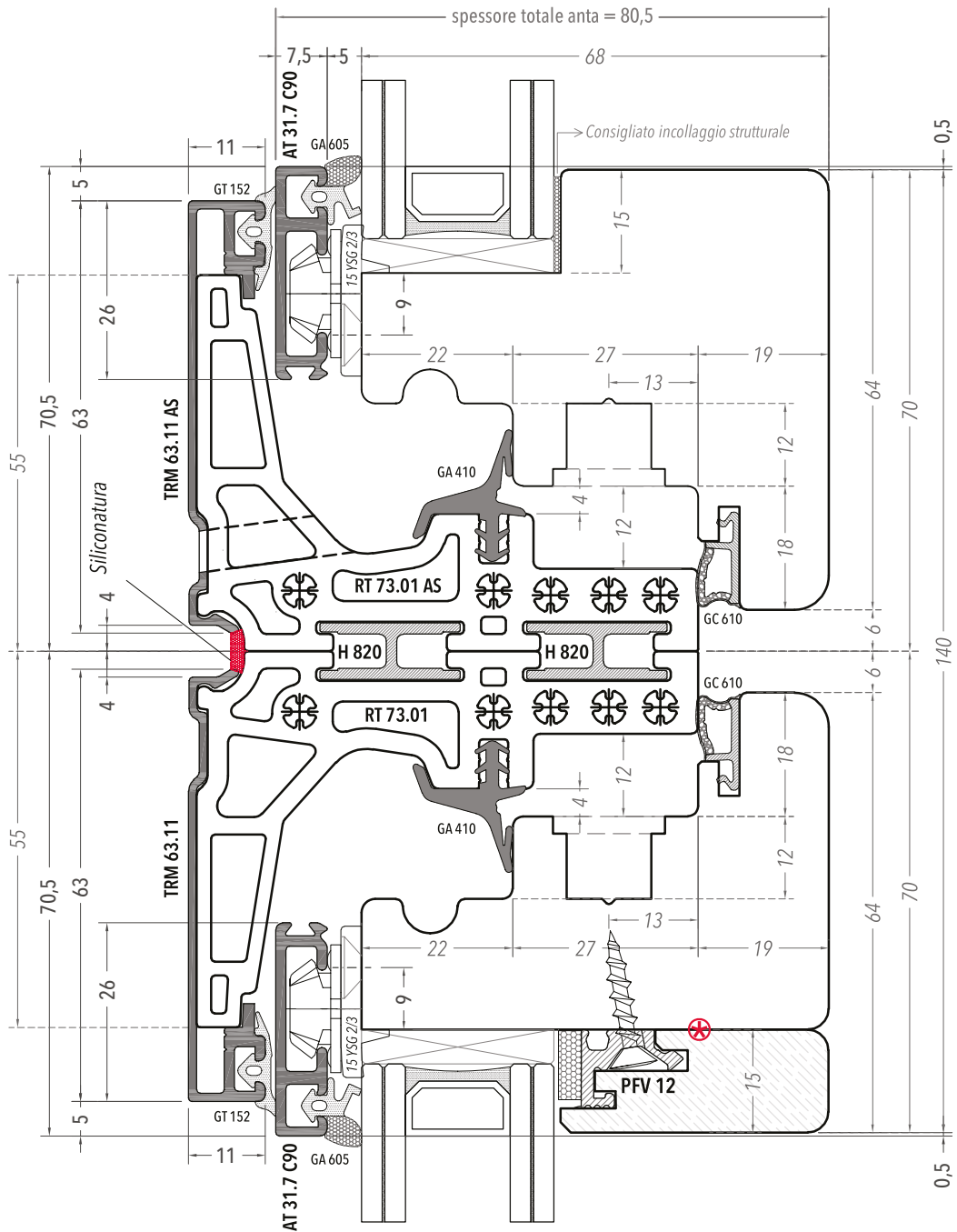
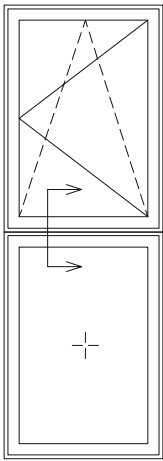
VERSIONE GRACE
ABBINAMENTO APRIBILI

SEZIONE ORIZZONTALE
NODO CENTRALE
SCALA 1:1



VERSIONE GRACE
APRIBILE CON SOTTO-LUCE

SEZIONE VERTICALE
NODO ABBINAMENTO
SCALA 1:1



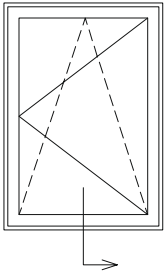
⊗ Siliconatura del listello in legno.



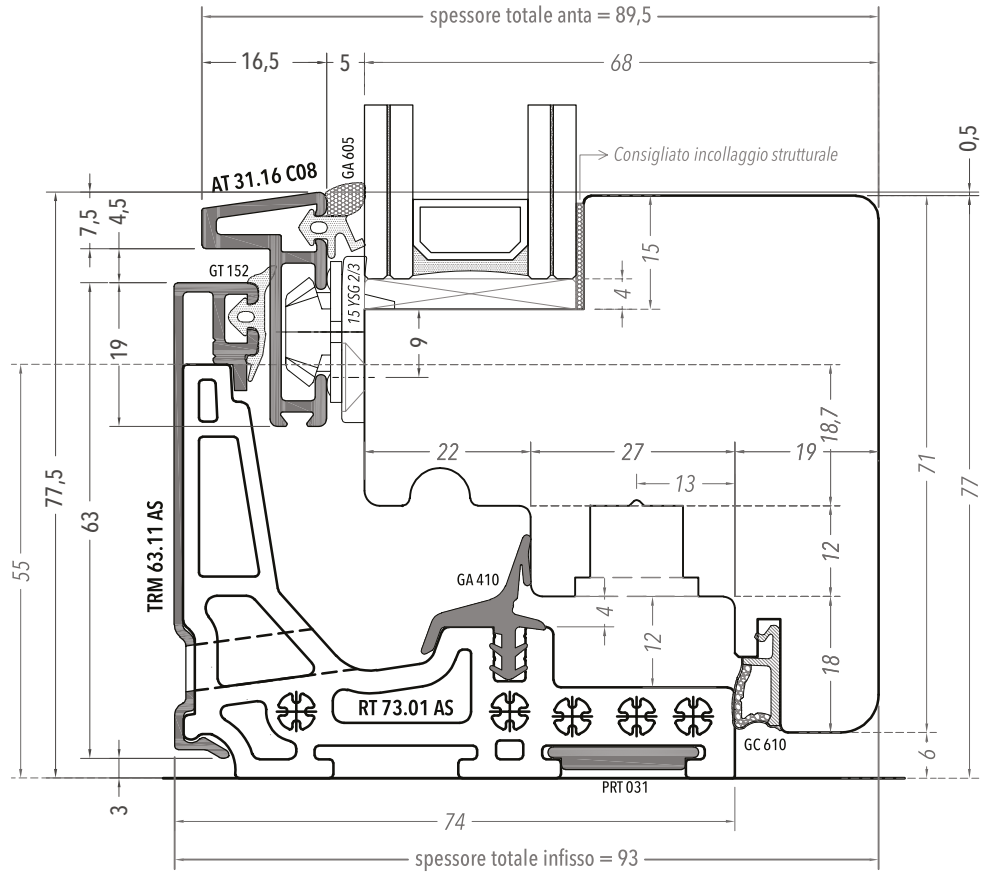
Spessore telaio 74/86 mm
Spessore anta 68/80 mm

ORIZON

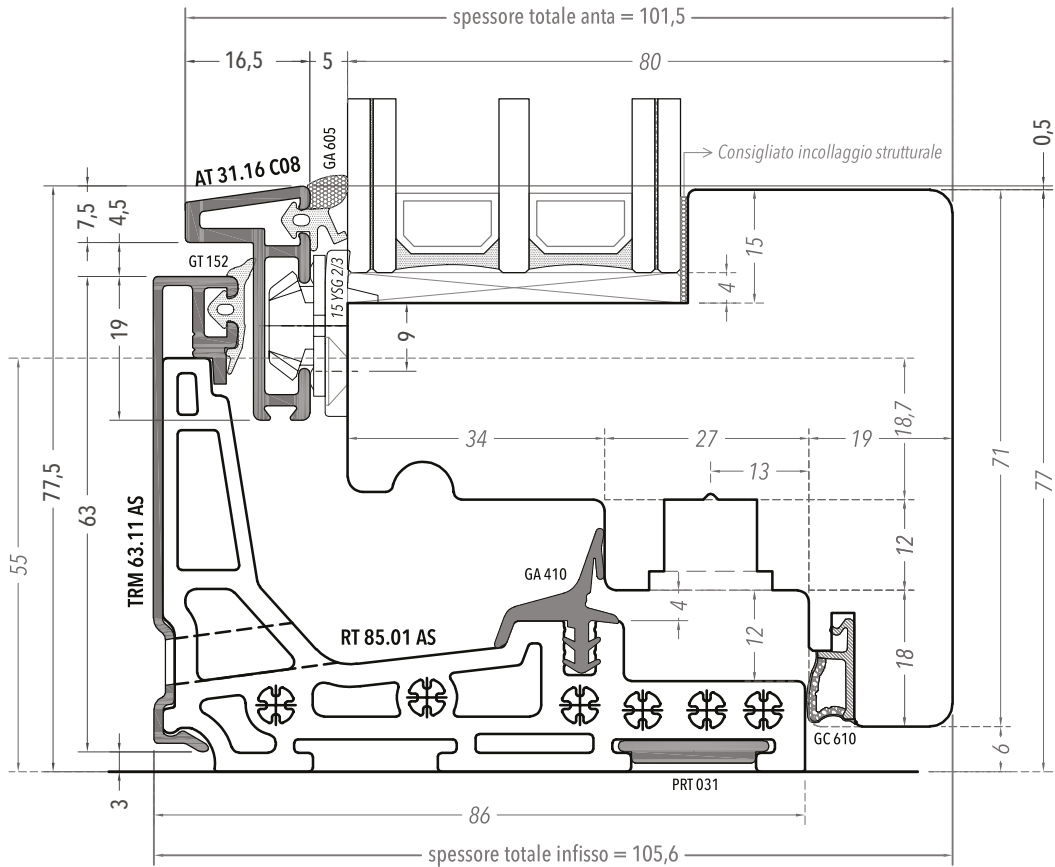
Ekotech
Anta

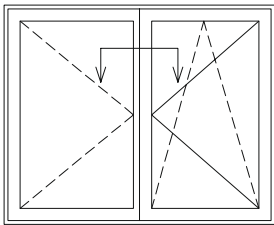


**SOLUZIONE
SPESSORE ANTA 68**



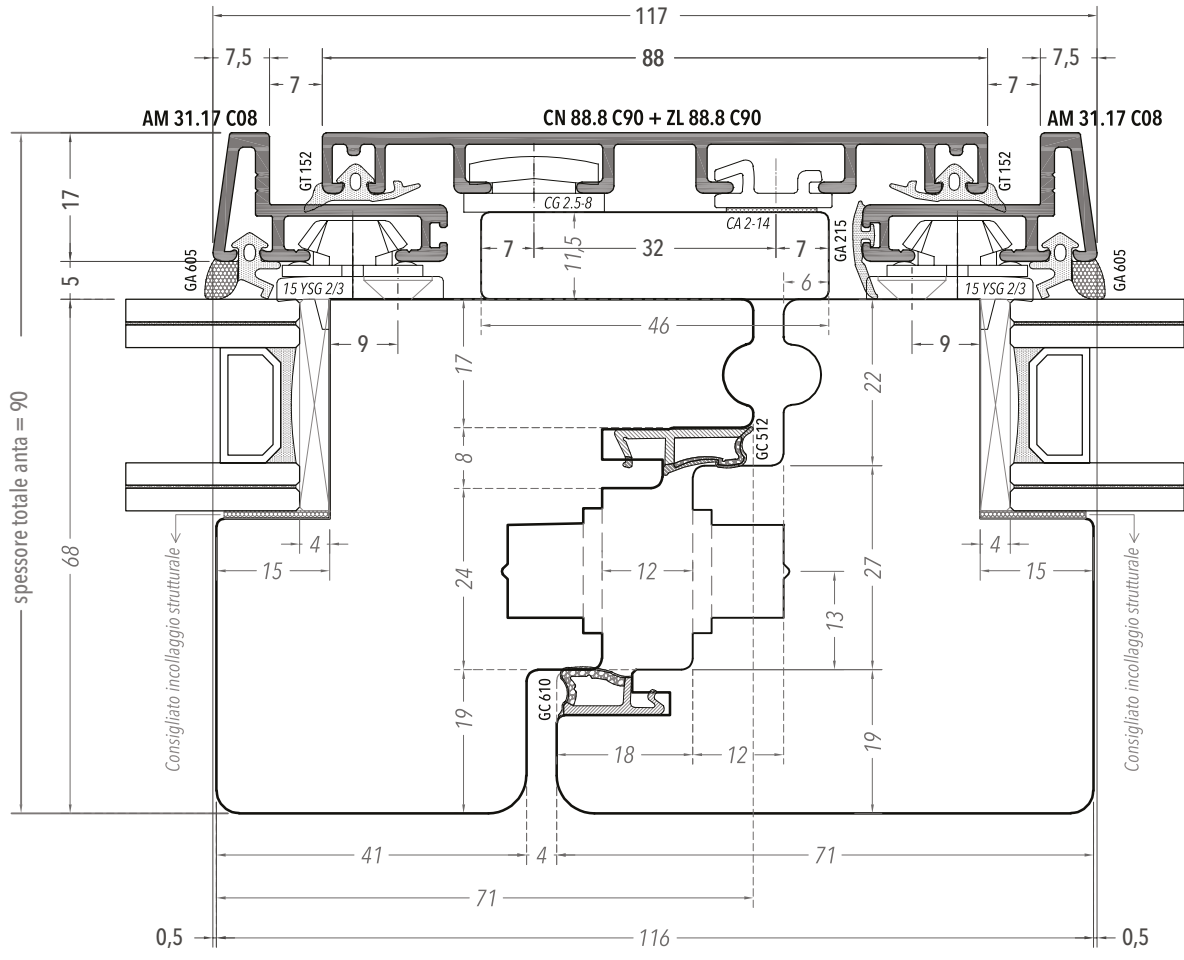
**SOLUZIONE
SPESSORE ANTA 80**





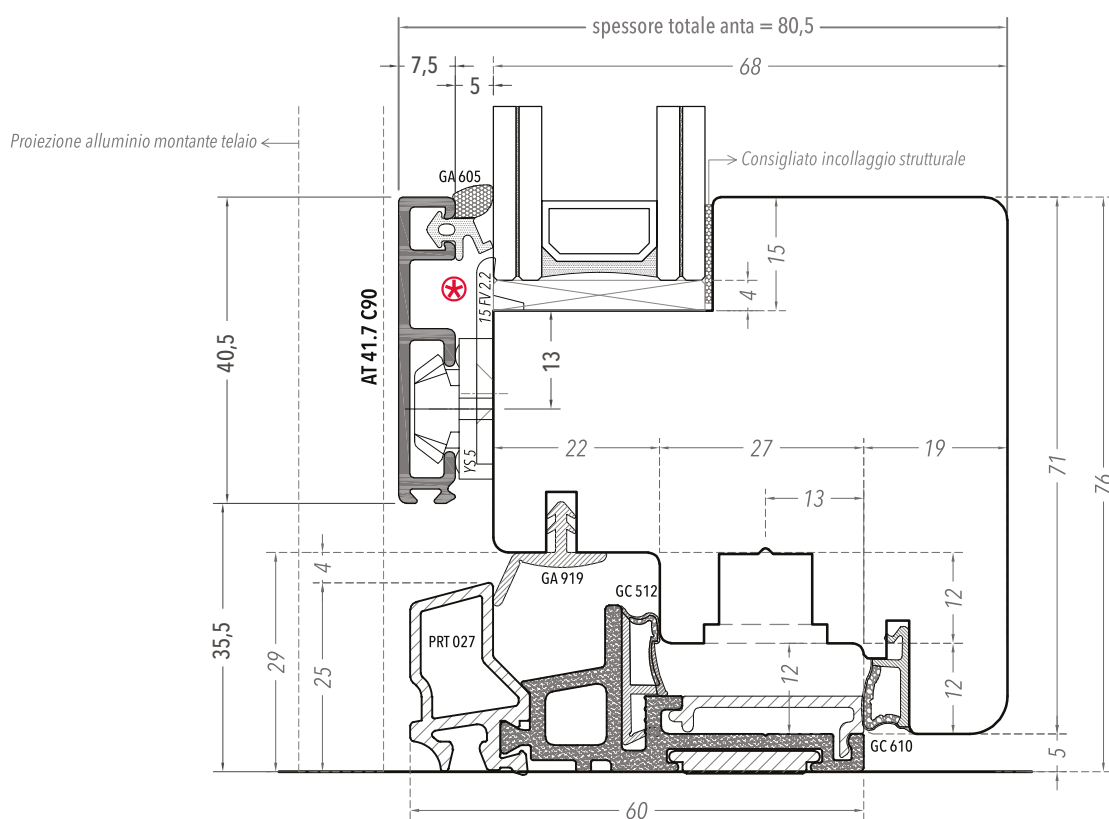
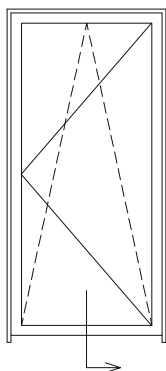
FINESTRA

SEZIONE ORIZZONTALE
NODO CENTRALE
SCALA 1:1



PORTAFINESTRA

SEZIONE VERTICALE
NODO INFERIORE
SCALA 1:1



⊗ Alternare una basetta fermavetro auto-posizionante 15FV 2.2 a una clip a scatto YS 5.

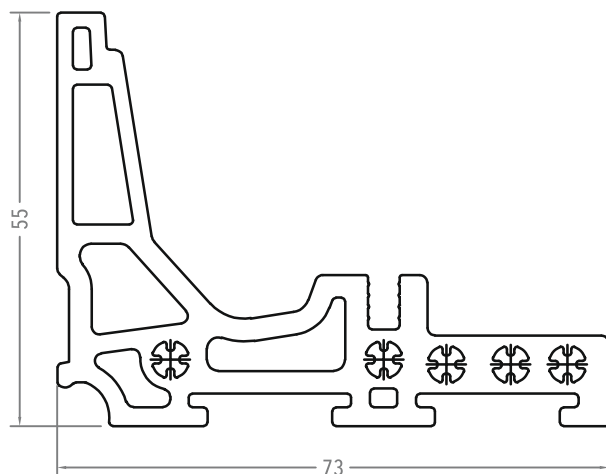
EKOTECH RIEPILOGO

PROFILI ANTA E TELAIO
PROFILI SOGLIA E ACCESSORI
PROFILI DI POSA
ACCESSORI

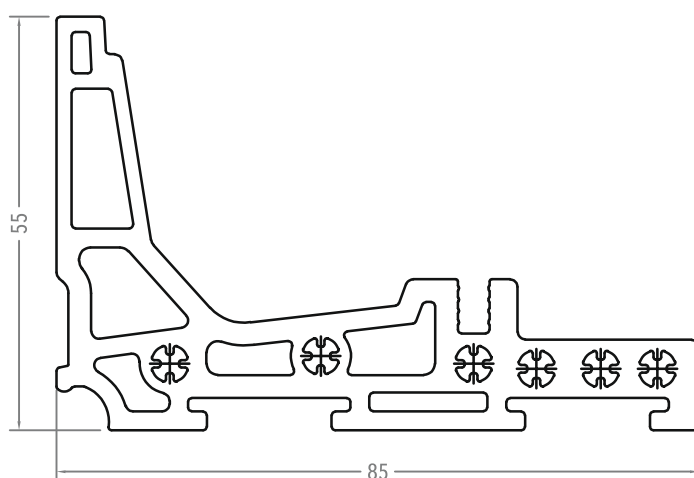
RIEPILOGO

EKOTECH

RT 73.01



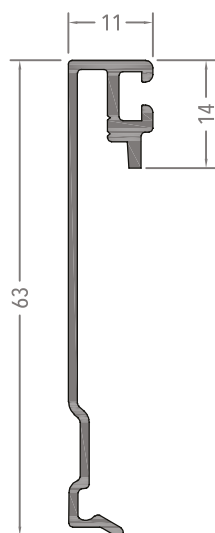
RT 85.01



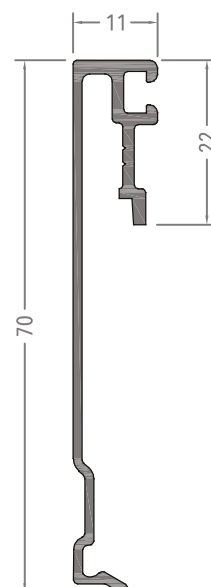
PROFILI TELAIO

ALLUMINIO ALUMFRAME

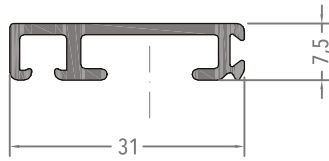
TRM 63.11



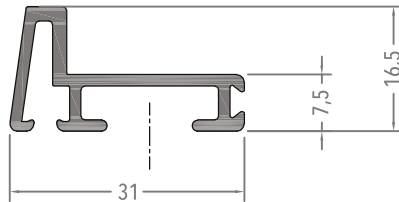
TRM 70.11



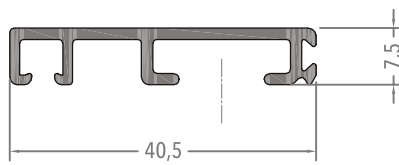
AT 31.7 C90



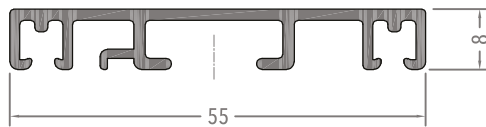
AT 31.16 C08



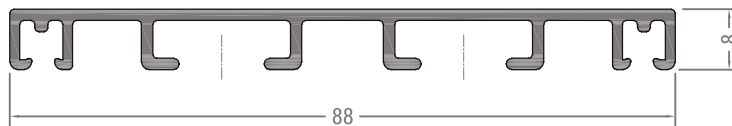
AT 41.7 C90



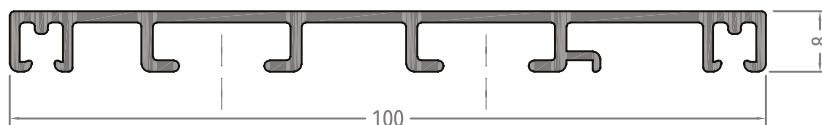
CN 55.8 C90



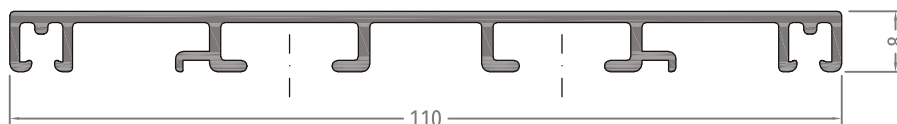
CN 88.8 C90



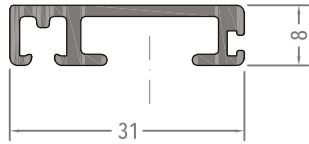
CN 100.8 C90



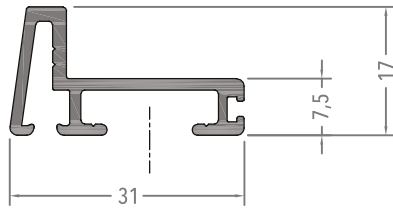
CN 110.8 C90



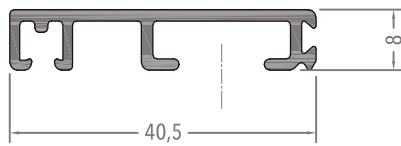
AM 31.8 C90



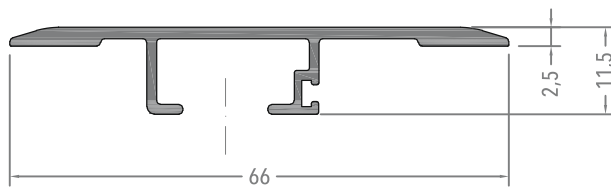
AM 31.17 C08



AM 41.8 C90

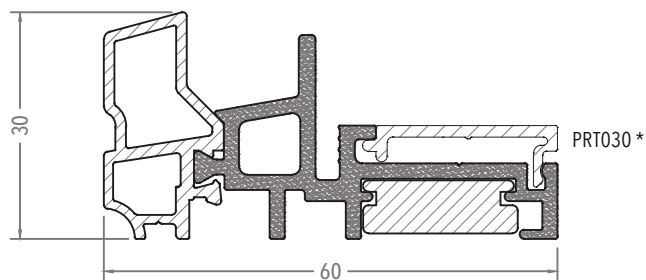


CN 66.11 LU

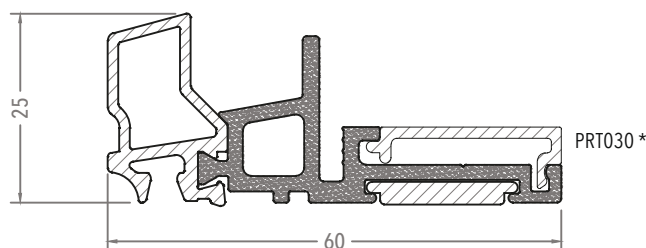


PROFILI SOGLIA

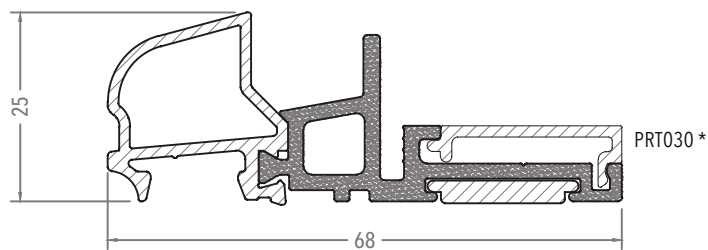
PRT 026



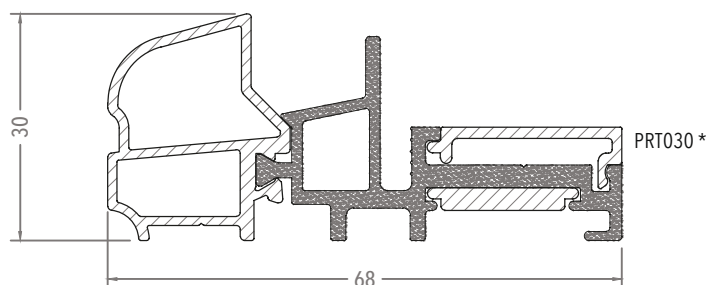
PRT 027



PRT 028



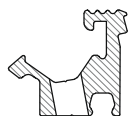
PRT 029



PROFILI ACCESSORI

FERMAVETRO

PFV 1614



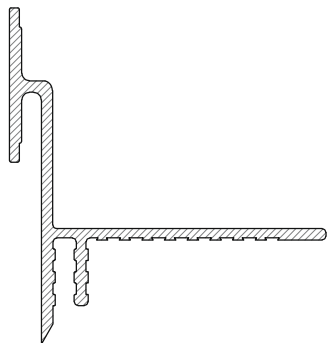
PFV 1214



Le soglie verranno fornite nel kit del telaio, tagliate a misura.

* L'articolo PRT030 è acquistabile separatamente.

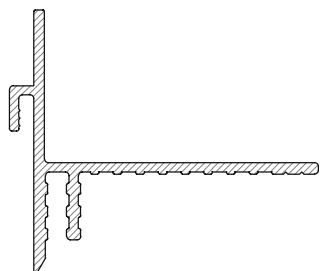
**PROFILO POSA
CARTONGESSO-
INTONACO**
(PPC01)



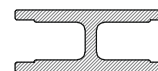
PRT 031



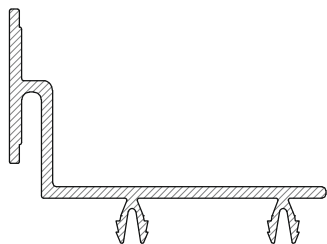
**PROFILO POSA
CARTONGESSO-
INTONACO**
(PPC02GA)



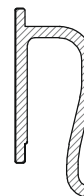
H 820



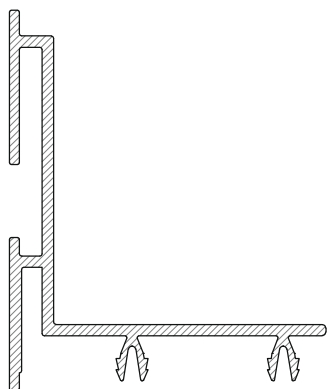
**PROFILO
PORTA-MOSTRINA**
(PMS01) *



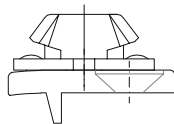
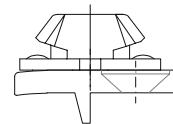
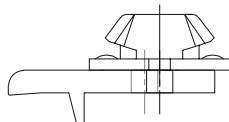
**PROFILO
PORTA-MOSTRINA**
(PMS03) *



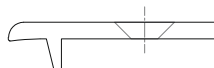
**PROFILO
PORTA-MOSTRINA**
(PMS02_C180) *



* I profili di posa PMS possono essere rifilati in base alle esigenze specifiche del cantiere.

15YSG 2/3Clip a scatto 5 mm
auto-posizionante**18YSG 2/3**Clip a scatto 5 mm
auto-posizionante**YS 2/3**Clip a scatto 5 mm
auto-posizionante**15 FV 2.2**

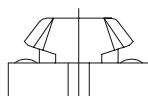
Basetta reggivetrol

**18 FV 2.2**

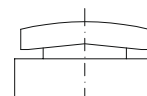
Basetta reggivetrol

**YS 5**

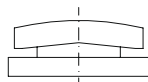
Clip a scatto 5 mm

**CG 5**

Clip girevole 5 mm

**CG 2.5-8**

Clip girevole 2,5 mm

**CA 2-14**

Clip a scatto 2,5 mm

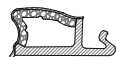
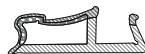


ACCESSORI

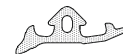
GUARNIZIONI

GA 410

Guarnizione in TPE

**GA 605**Guarnizione anta sp. 5mm
co-estrusa in EPDM**GC 610**Guarnizione tri-estrusa
in TPE**GA 215**Guarnizione copri-clip in TPE
(disponibile bianca o nera)**GC 512**Guarnizione tri-estrusa
in TPE**GT 152**

Guarnizione in EPDM

**GA 919**

Guarnizione in TPE

**GA 305**Guarnizione copri-clip
in EPDM**PAMUSS 10**Guarnizione in neoprene
per PFV**GA 619**

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