

EkoTech



UN NUOVO PROGETTO DGT SRL

ALUMFRAME

Ekotech ~ più luce alla casa
Ekotech ~ più spazio alla luce

Ekotech

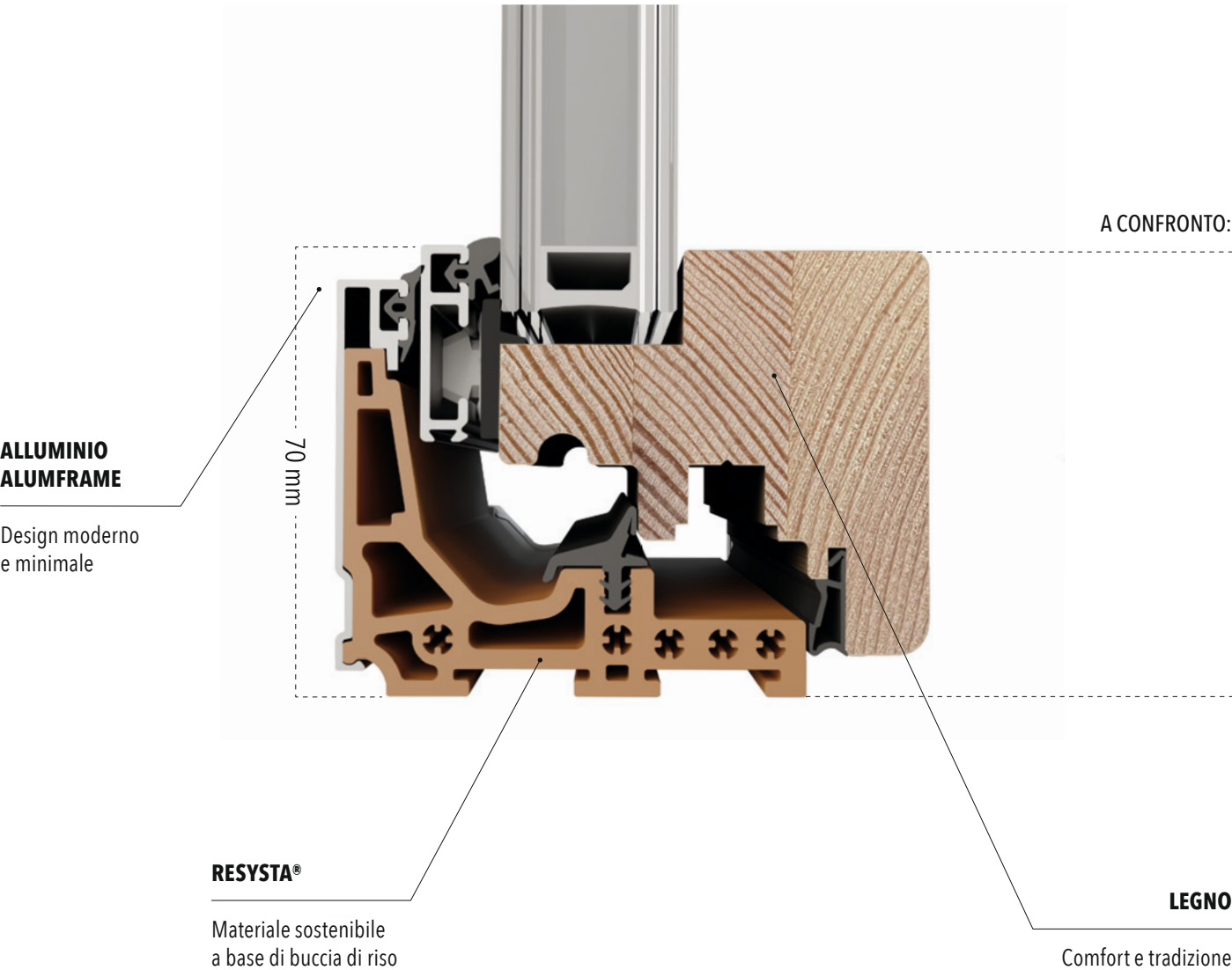
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Ekotech: più luce alla casa, più spazio alla luce

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.

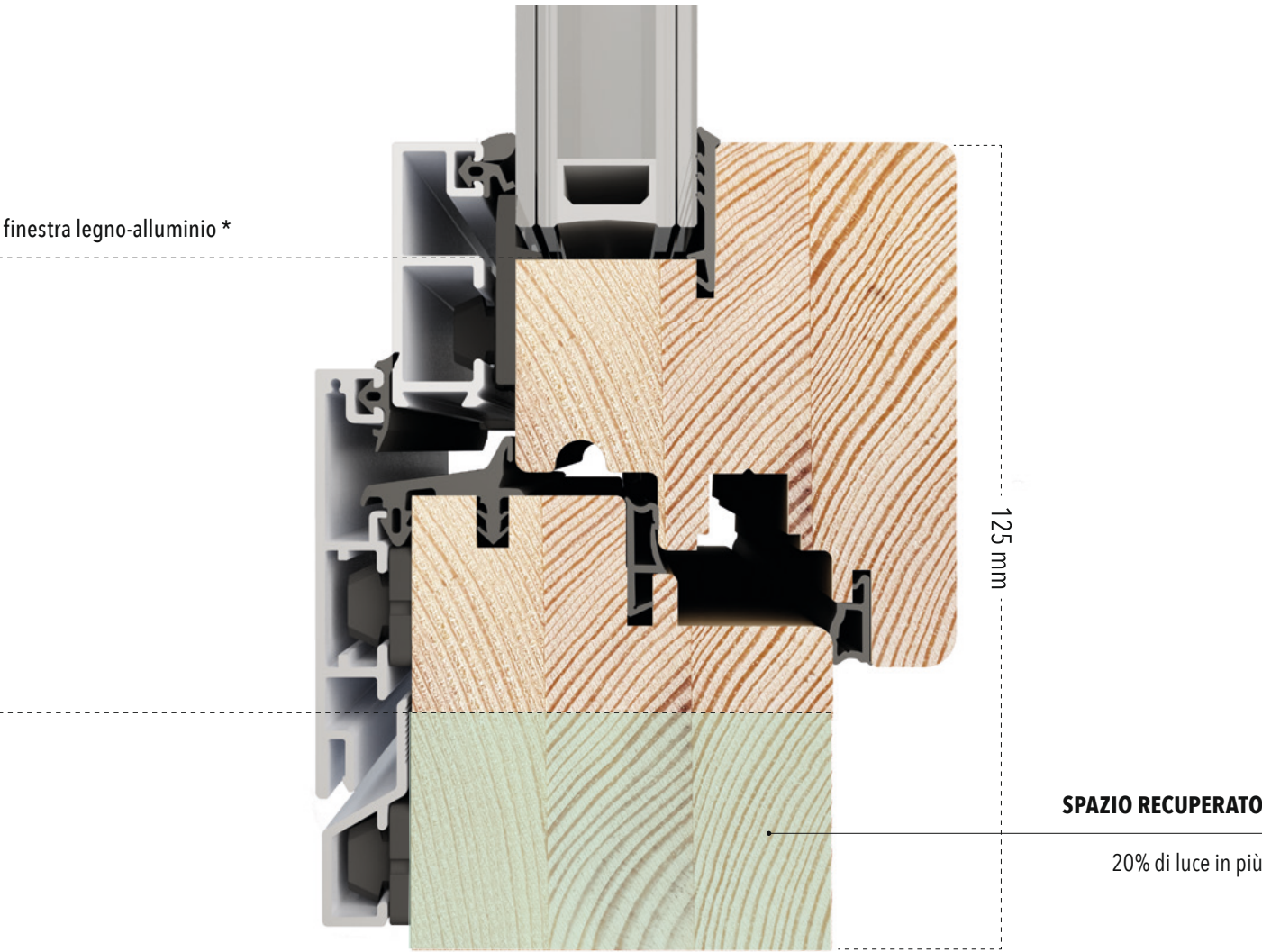


MINIMA MANUTENZIONE DEL SERRAMENTO

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	

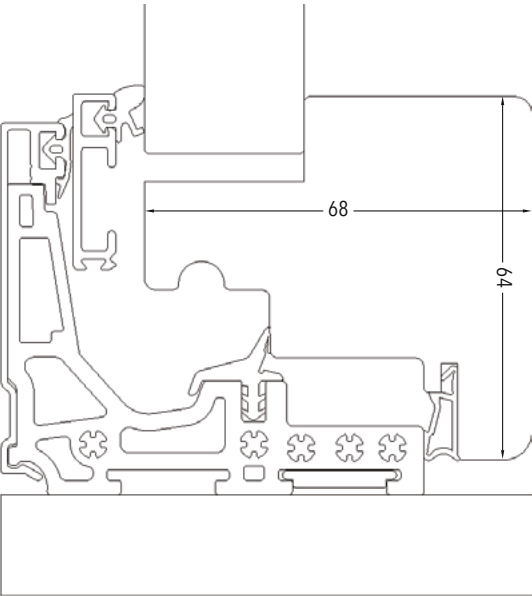
DESCRIZIONE DEL CAMPIONE	Porta a due ante con apertura verso l'interno per l'anta che riceve e oscillobattente per l'anta che batte.		
DIMENSIONI	Esterno telaio: 1800x2500mm Esterno ante battente e ricevente: 907x2488mm Area: 4,5 mq Perimetro apribile: 9,278 m		
RAPPORTO DI PROVA	n. 3399/25 emesso in 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.

VALORE TRASMITTANZA TERMICA (W/m²K) Riferito al nodo laterale		
	SP. ANTA = 68mm	SP. ANTA = 80mm
Legno molto tenero λ = 0,11 W/mK	Uf = 1,2	Uf = 1,1
Legno tenero λ = 0,13 W/mK	Uf = 1,3	Uf = 1,1
Legno duro λ = 0,18 W/mK	Uf = 1,4	Uf = 1,3

VALORE TRASMITTANZA TERMICA (W/m²K) Riferito a una finestra a un'anta sp. 68mm LxH 900x1400mm		
	Ug = 1,00	Ug = 0,6
Legno molto tenero λ = 0,11 W/mK	Uw = 1,07	Uw = 0,77
Legno tenero λ = 0,13 W/mK	Uw = 1,09	Uw = 0,79
Legno duro λ = 0,18 W/mK	Uw = 1,13	Uw = 0,82

I calcoli del nodo sono stati estrapolati dal software Frame Simulator mentre i calcoli della finestra da Frame Composer.



Valori riferiti al sistema Ekotech Grace.

ARIA	4
ACQUA	E1200
VENTO	C4



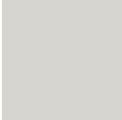
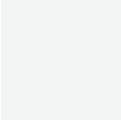
Ekotech: personalizza la tua finestra

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.

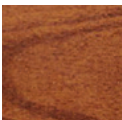
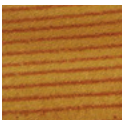
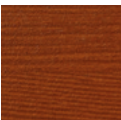
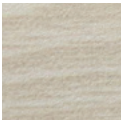
FINITURE RESYSTA®

			
NATURALE	GRIGIO ANTRACITE	GRIGIO CHIARO	BIANCO

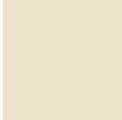
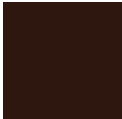
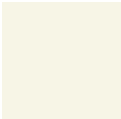
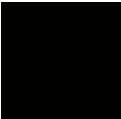
FINITURE ALUMINIO SPECIALI

				
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	DOUGLAS H-G	LARICE CASTANO	LARICE AMBRATO
				
LARICE CHIARO	NOCE 10/L/G	PINO U-G	RENOLIT CHIARO	ROVERE SBIANCATO PV

FINITURE ALUMINIO RAL

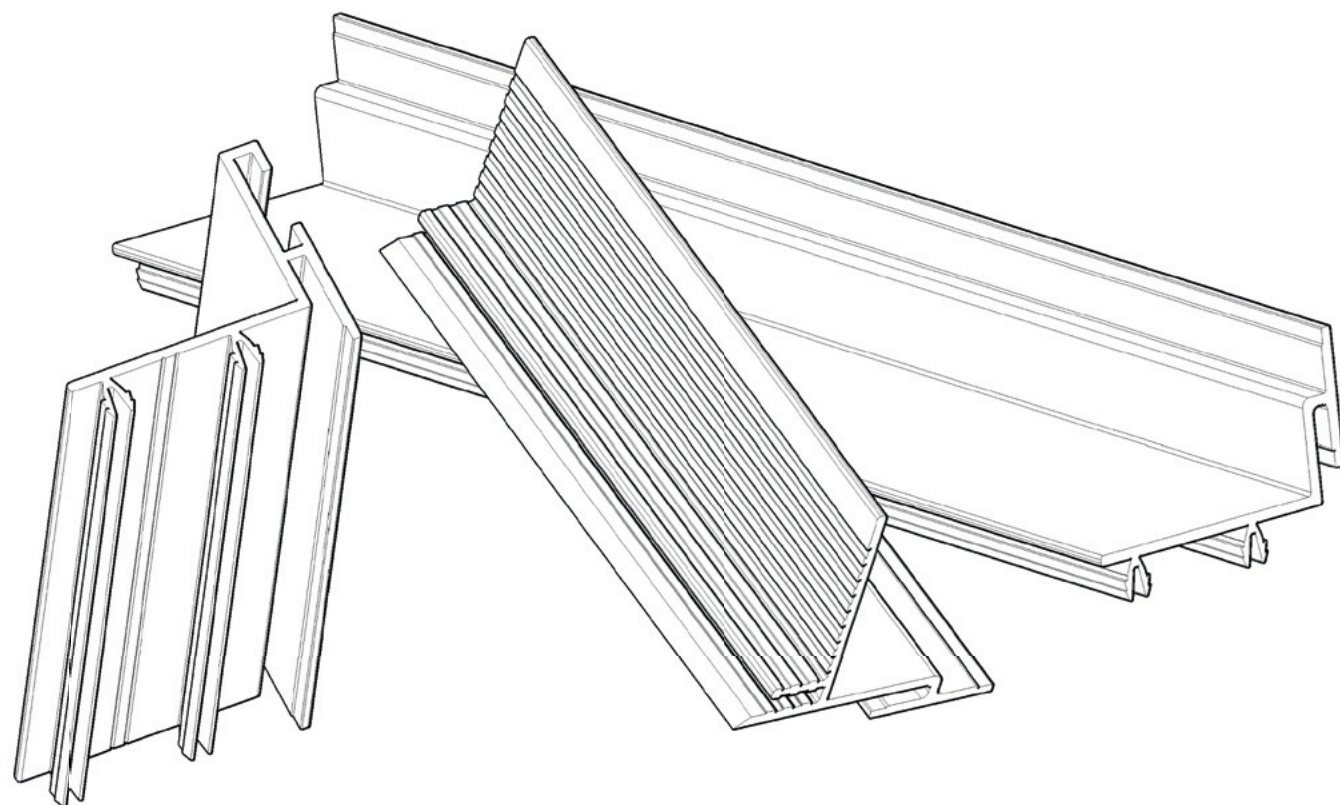
				
RAL 1013 OPACO/RUVIDO	RAL 1035 OPACO	RAL 3005 OPACO	RAL 6005 OPACO/RUVIDO	RAL 7016 OPACO/RUVIDO
				
RAL 7035 OPACO/RUVIDO	RAL 8017 OPACO/RUVIDO	RAL 8019 OPACO	RAL 9001 OPACO/RUVIDO	RAL 9005 OPACO/RUVIDO
				
RAL 9006 OPACO/RUVIDO	RAL 9007 OPACO	RAL 9010 OPACO/RUVIDO	RAL 9016 OPACO	

Ekotech: una soluzione per ogni esigenza

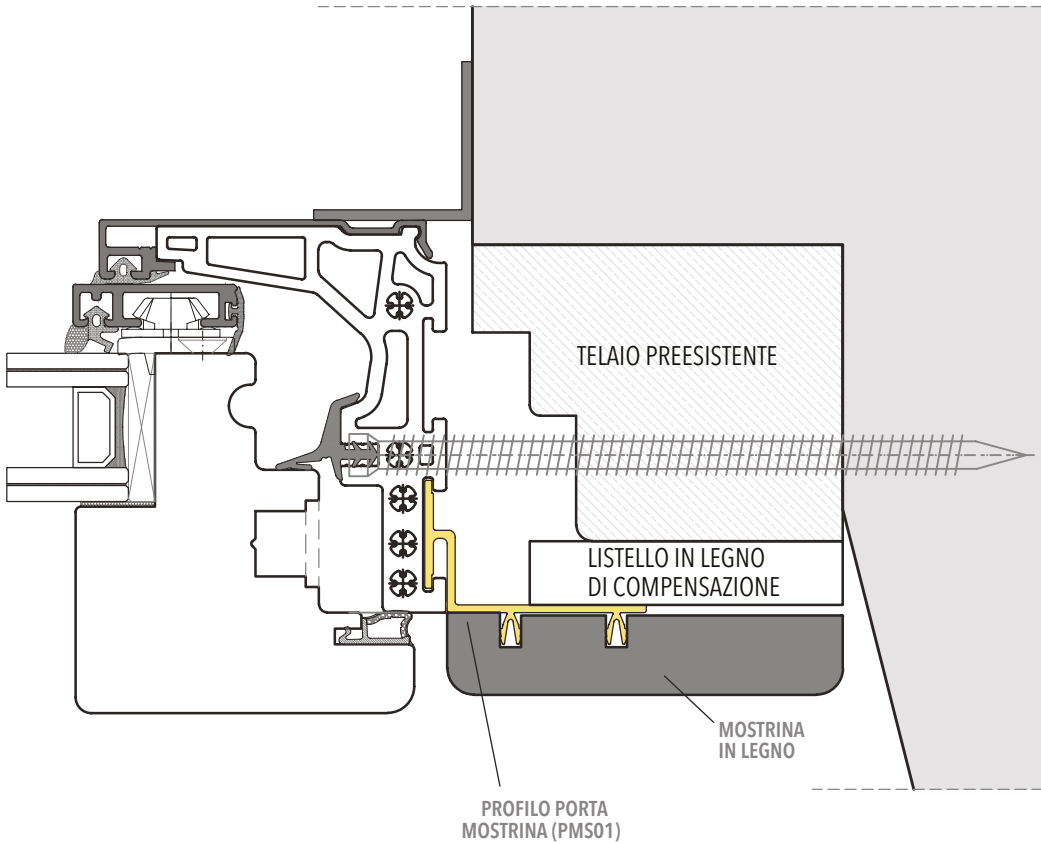
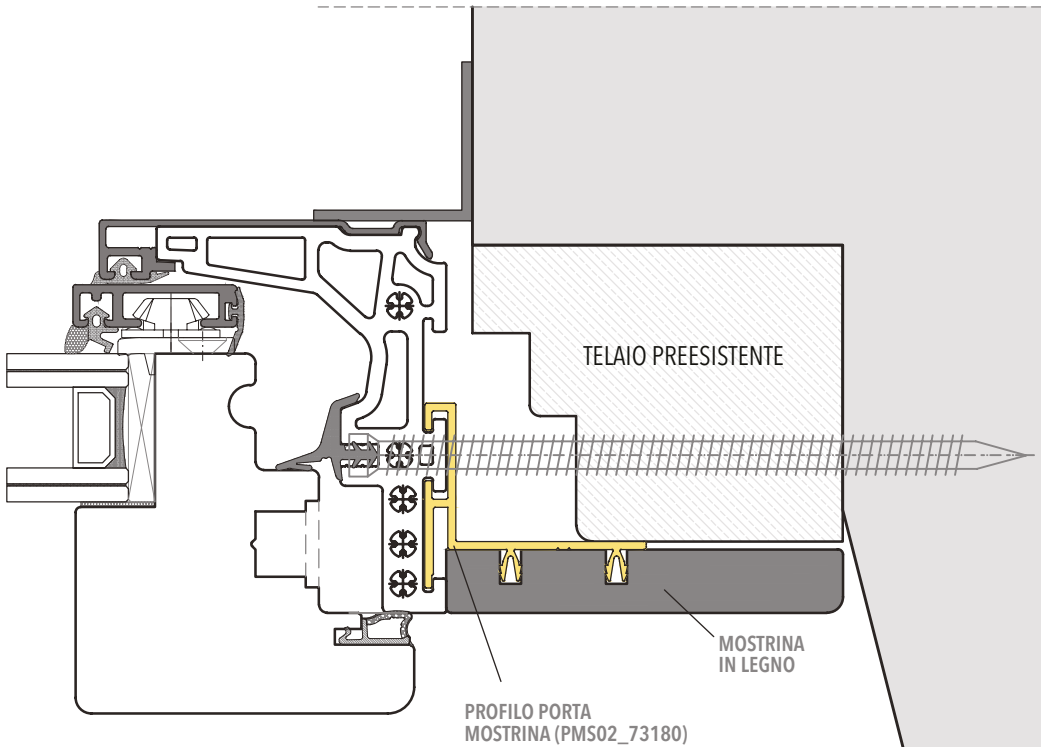
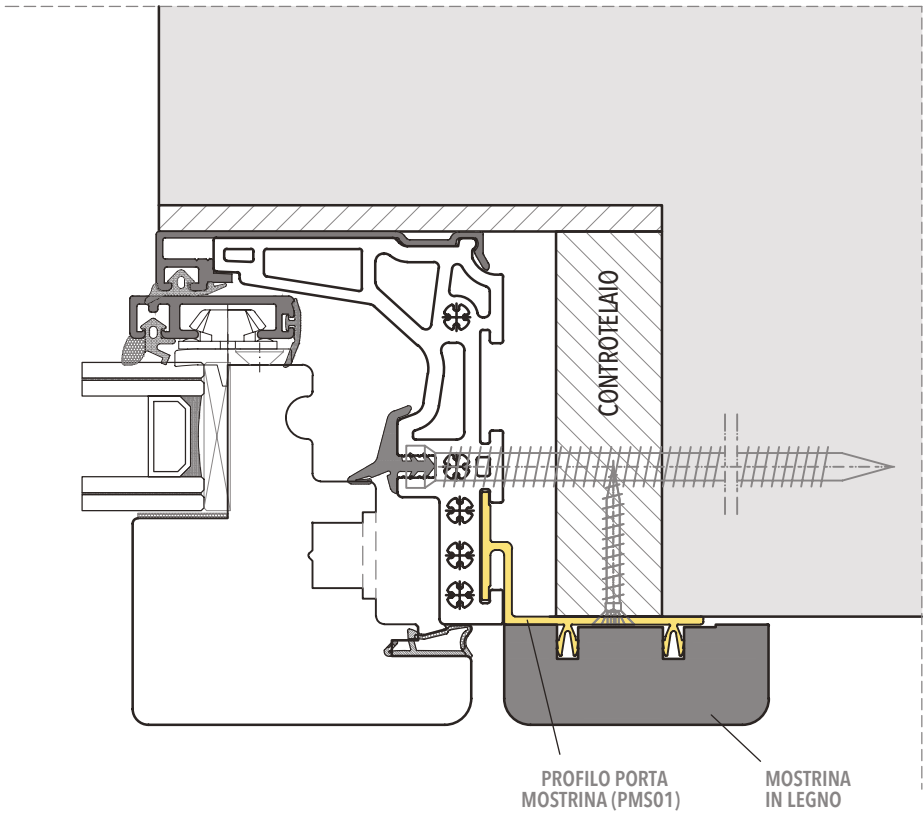
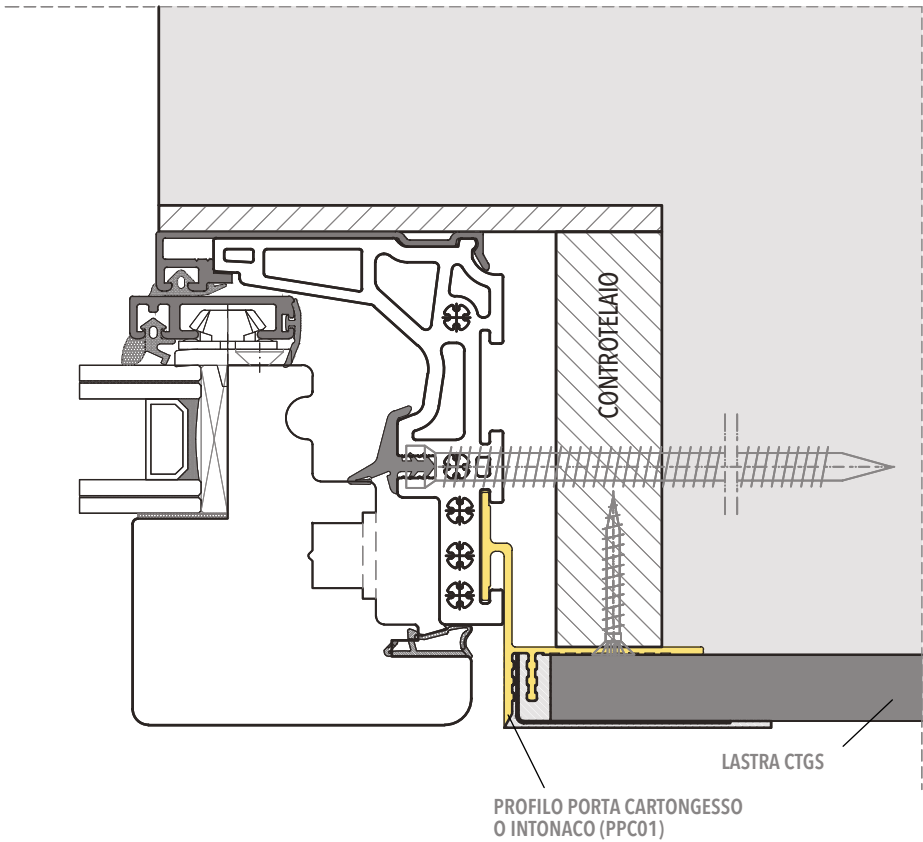
Il serramento Ekotech può essere installato sia in caso di ristrutturazione edilizia e di restauro, che nelle nuove costruzioni, adattandosi a ogni condizione di posa, favorendo il guadagno di prestazioni termiche e di luce.

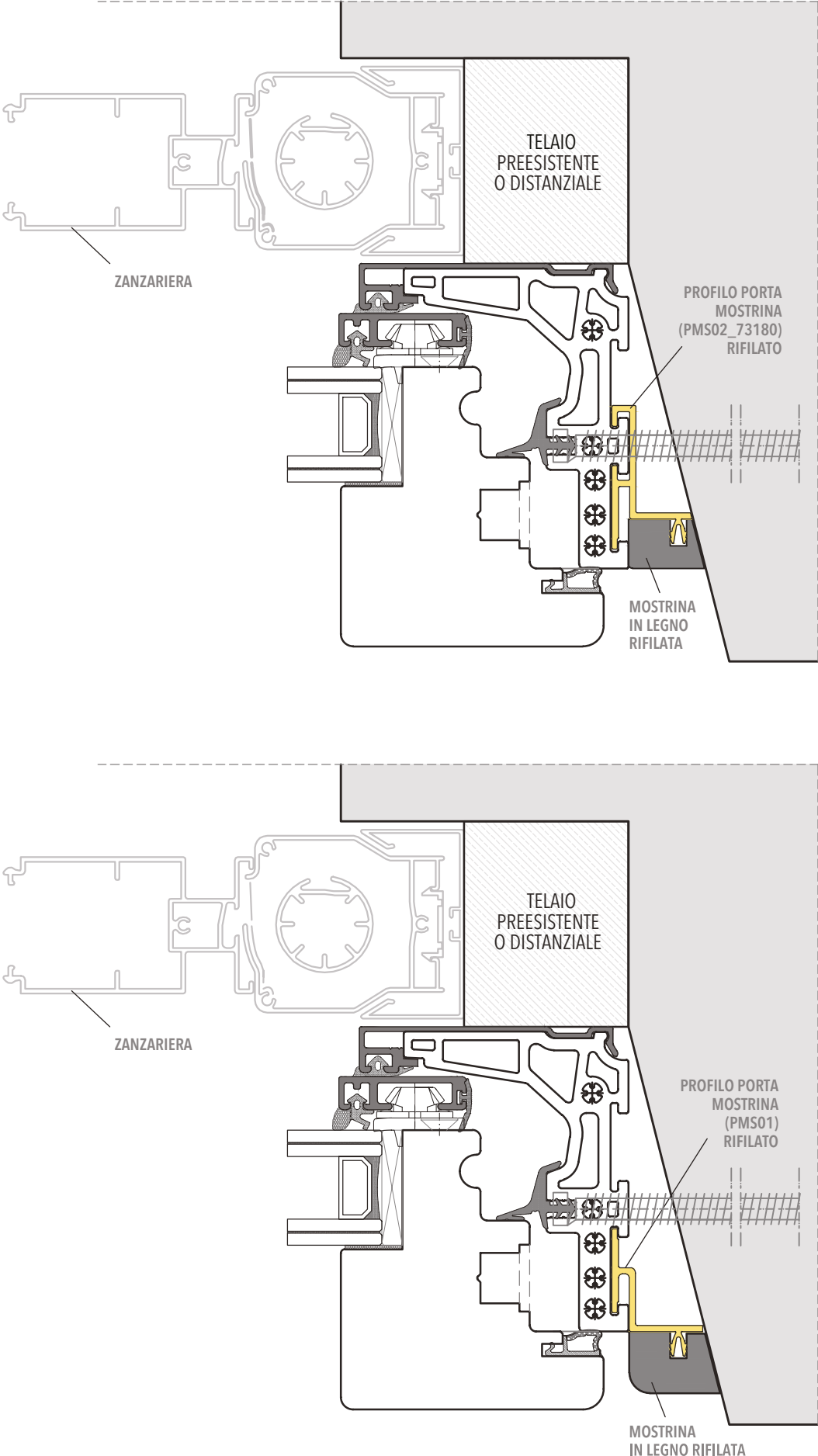
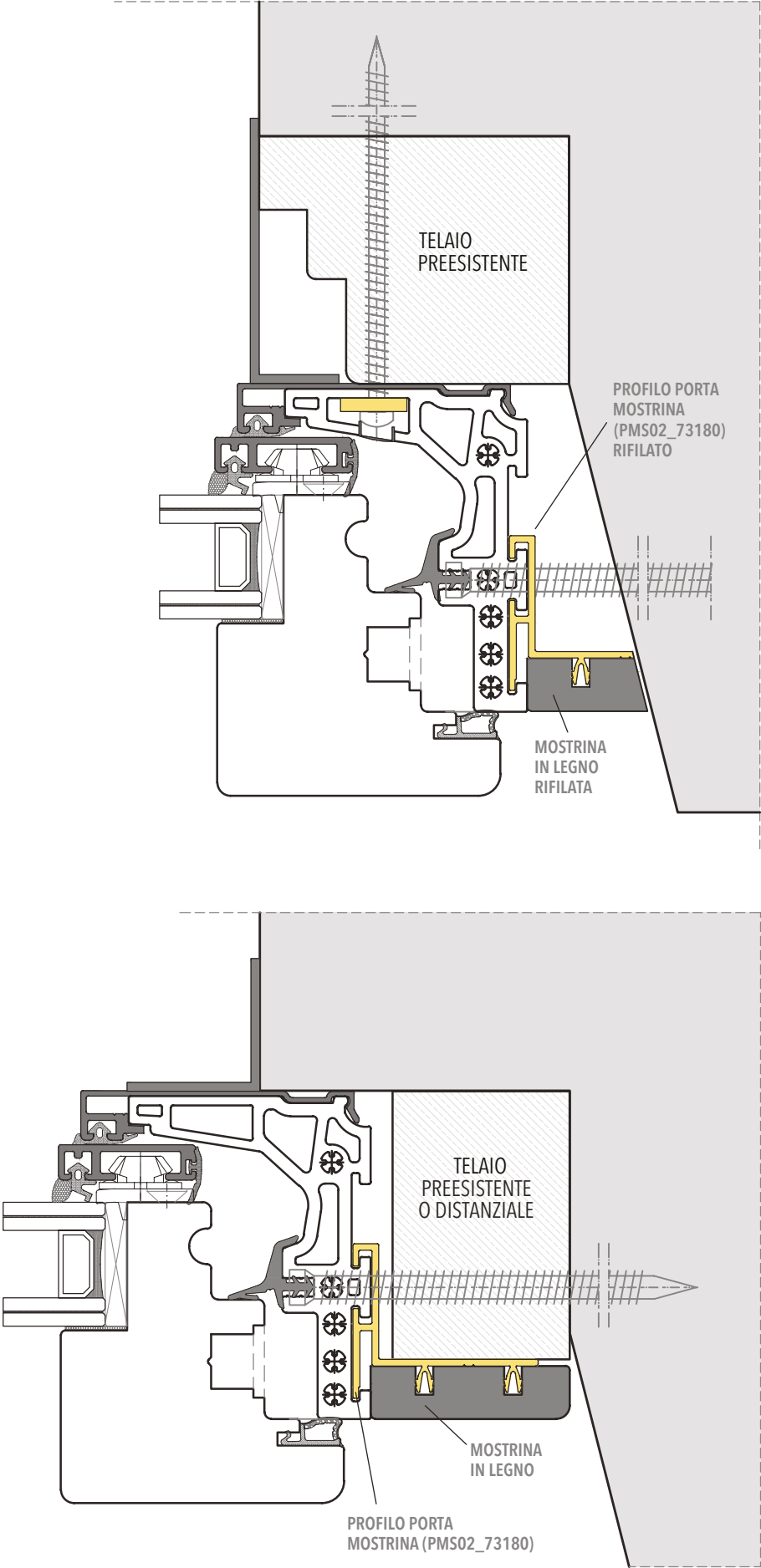
Progettato per essere abbinato a vari modelli di profili di posa, consente di essere fissato su vecchi telai preesistenti, riducendo quasi del tutto le opere murarie, o di essere integrato totalmente nella muratura.

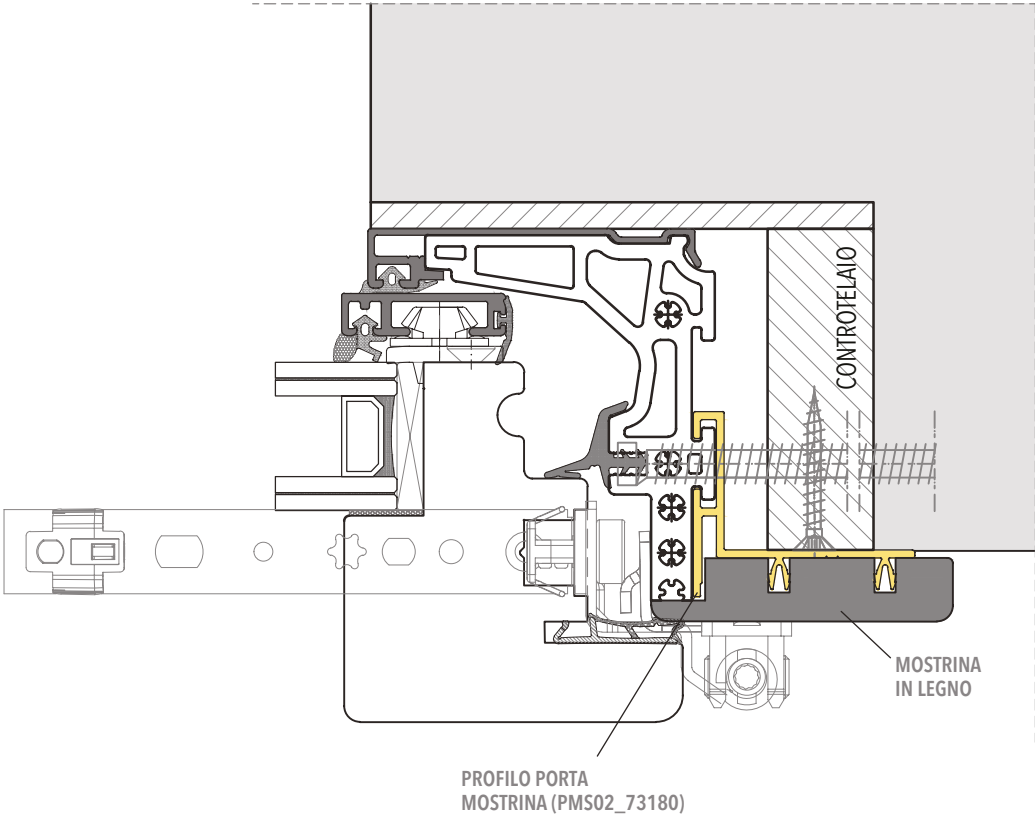
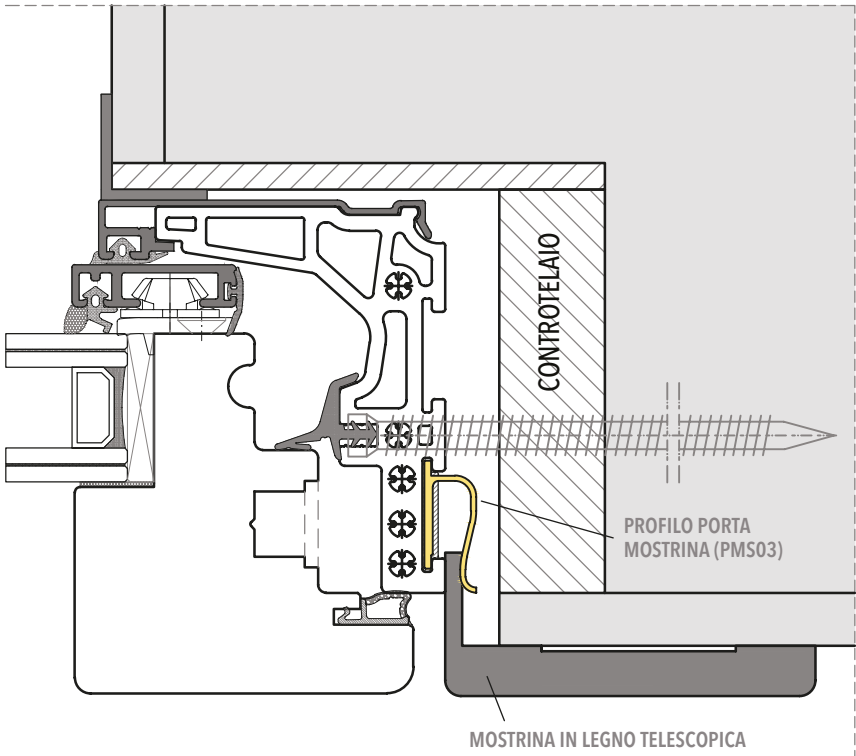
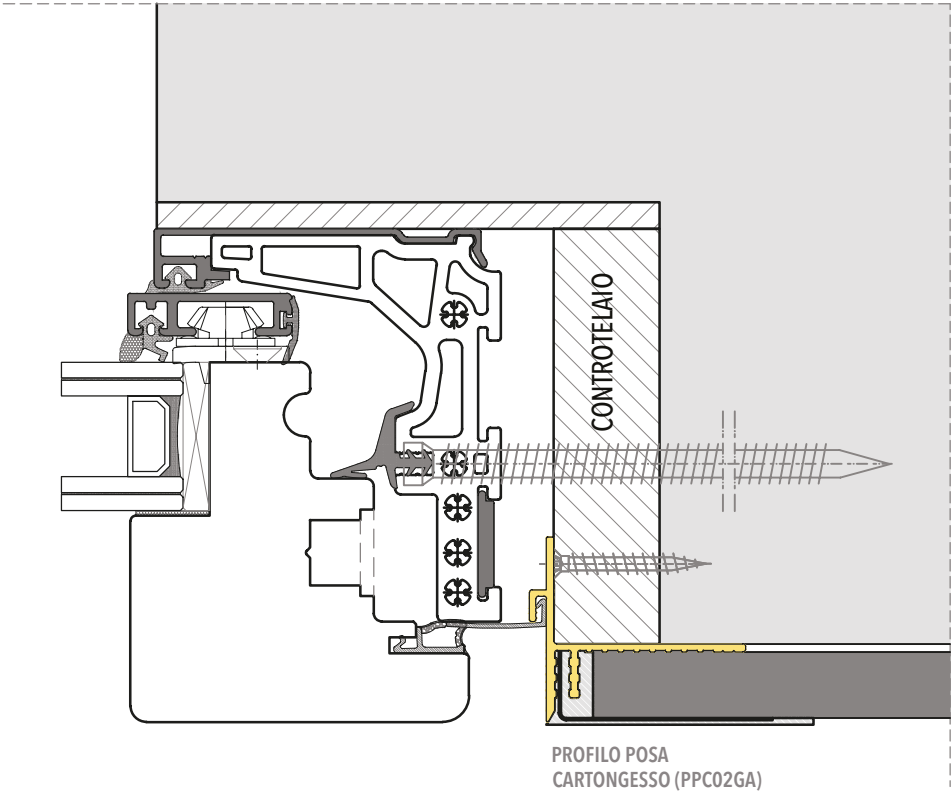
In questo ultimo caso la luce in entrata aumenta, a favore di un ambiente più luminoso di circa il 20%, lasciando godere all'interno della bellezza e del calore della sola anta in legno; all'esterno, la superficie vetrata dona alla facciata una resa visiva straordinaria ed elegante.

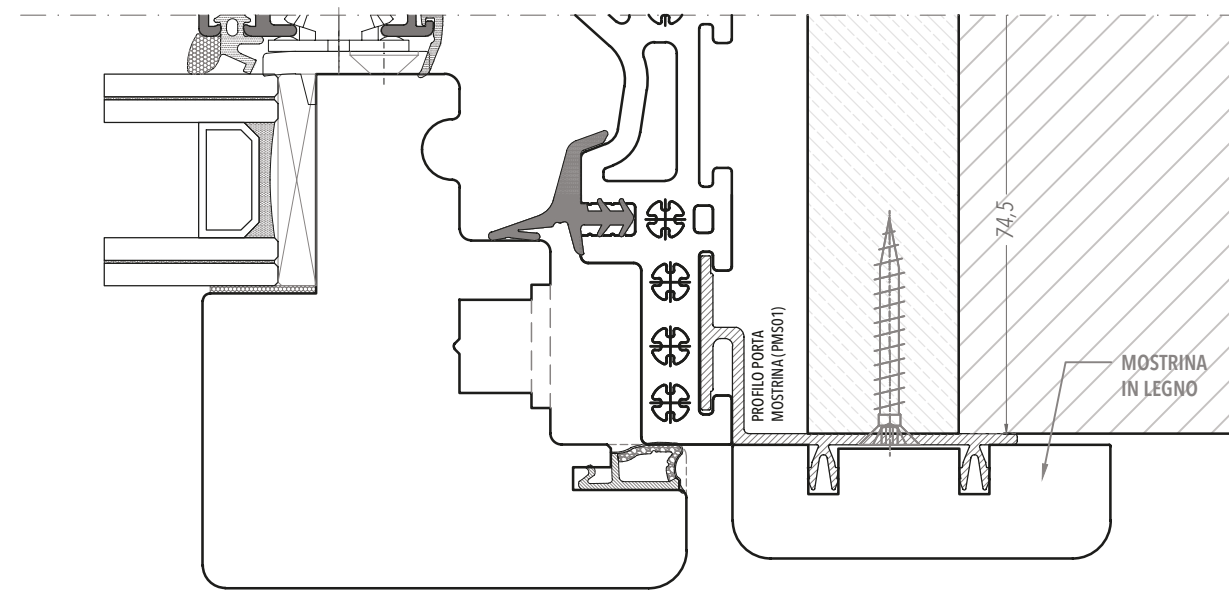
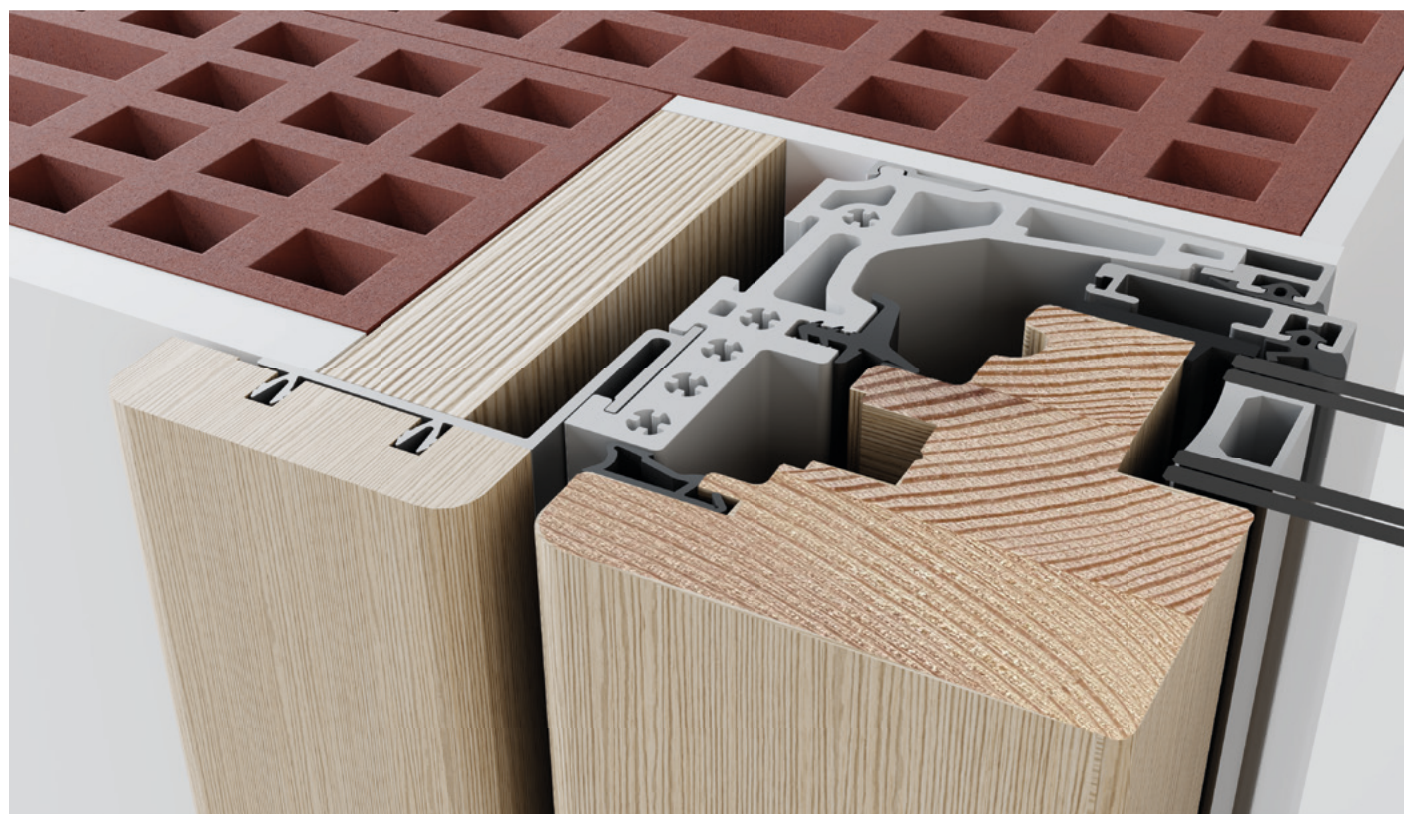
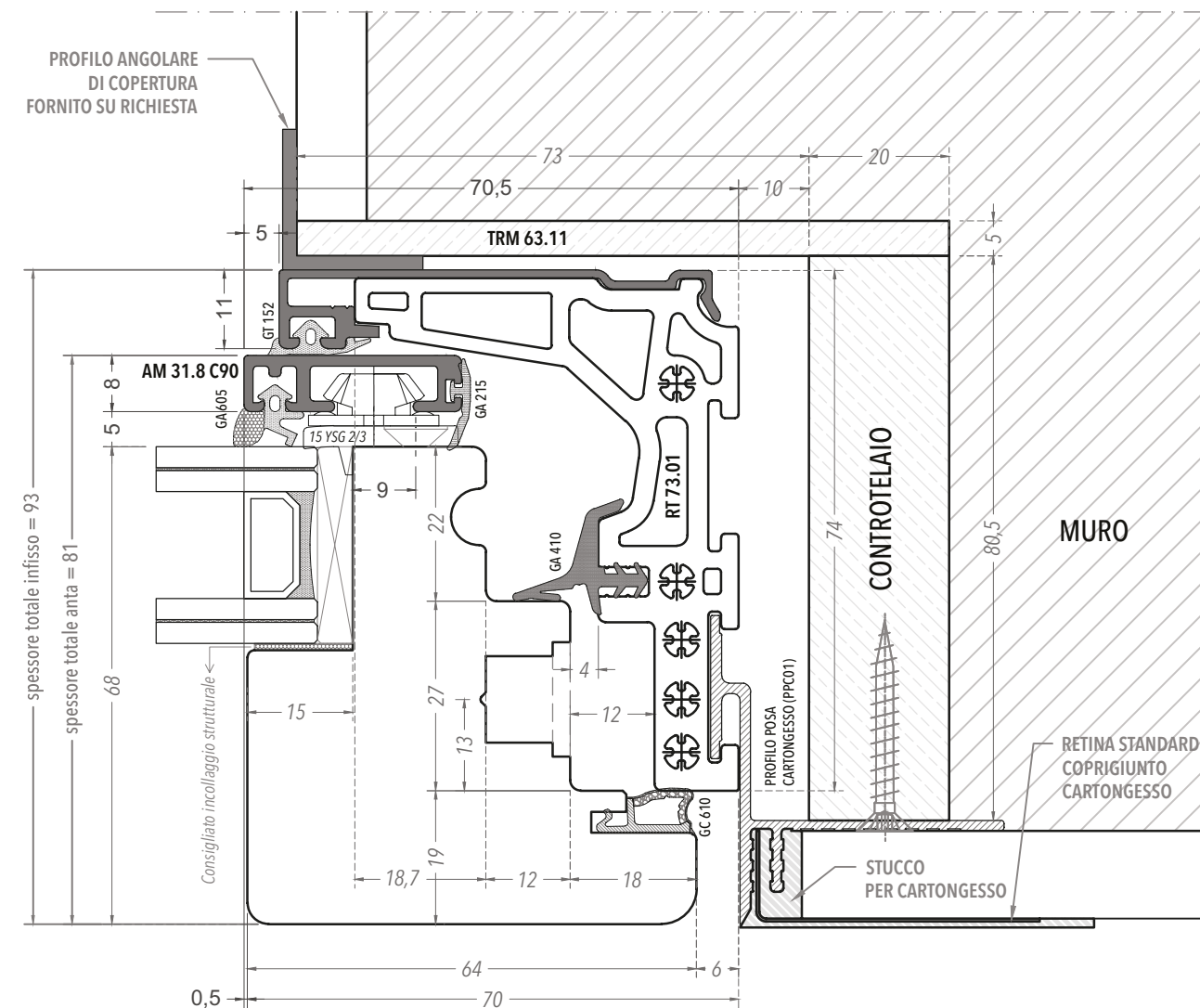
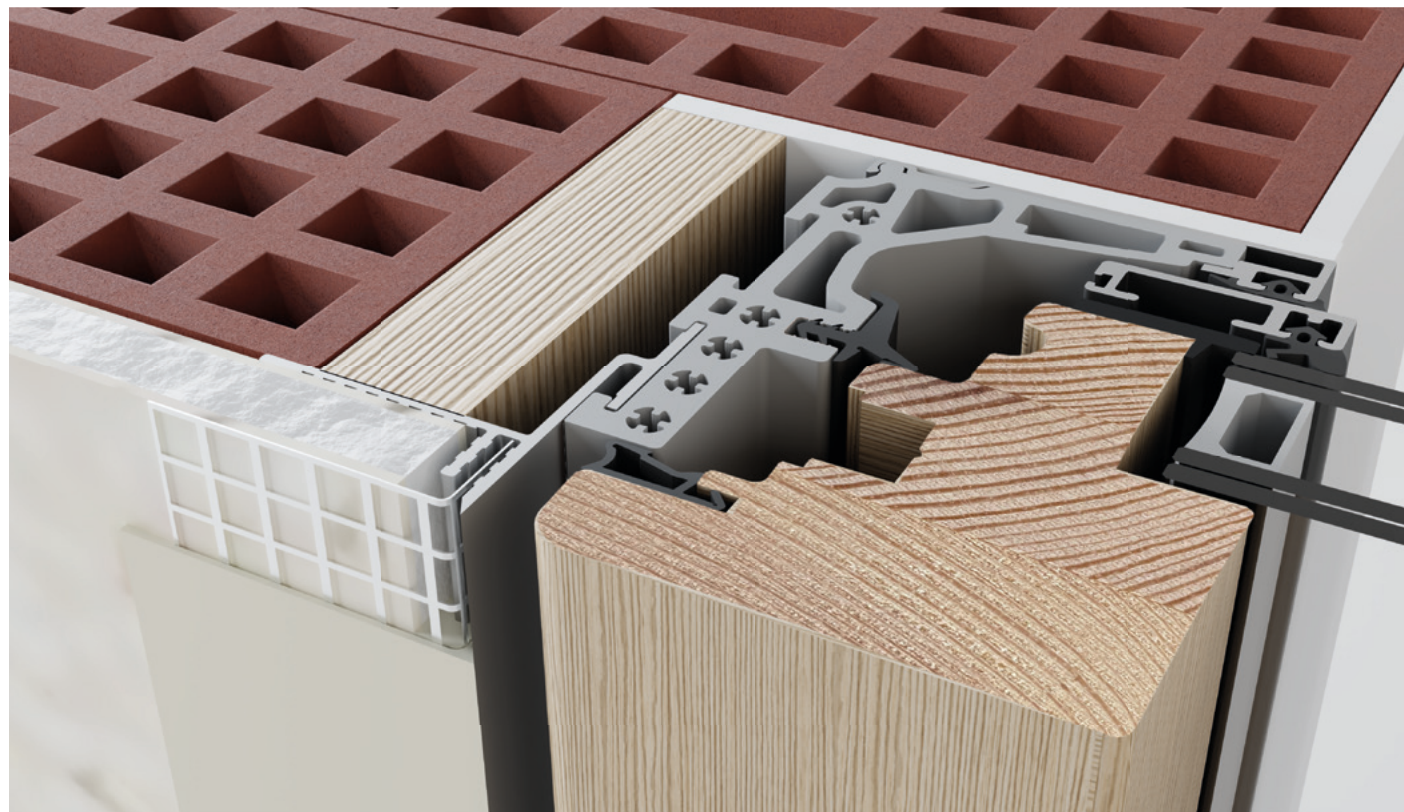


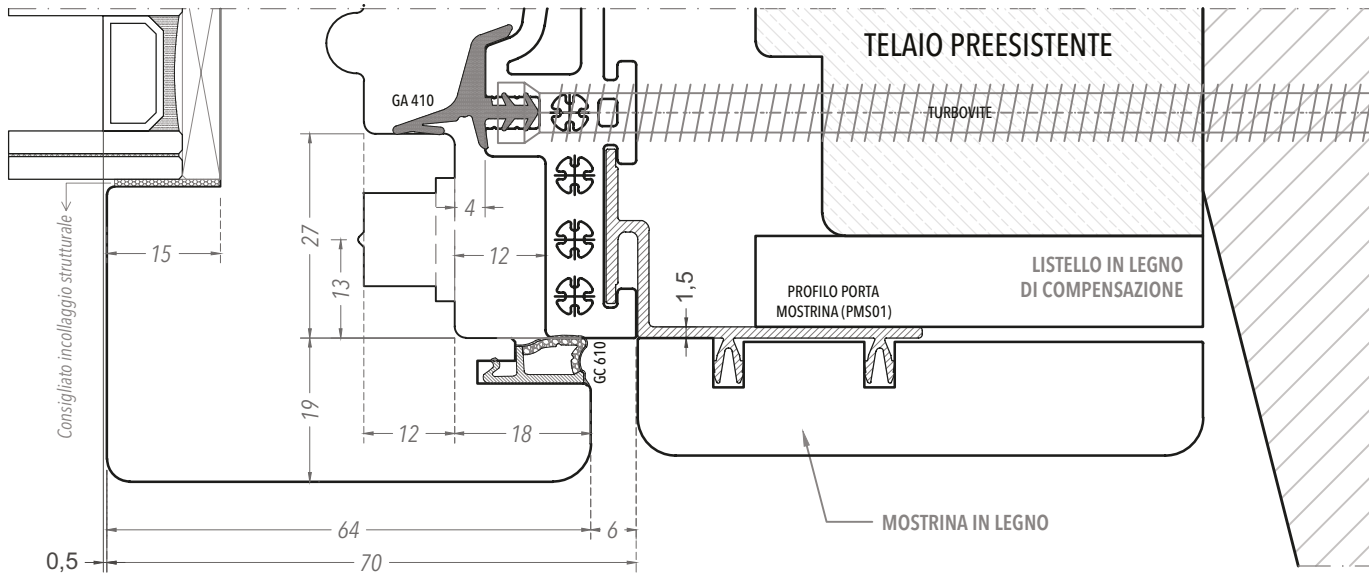
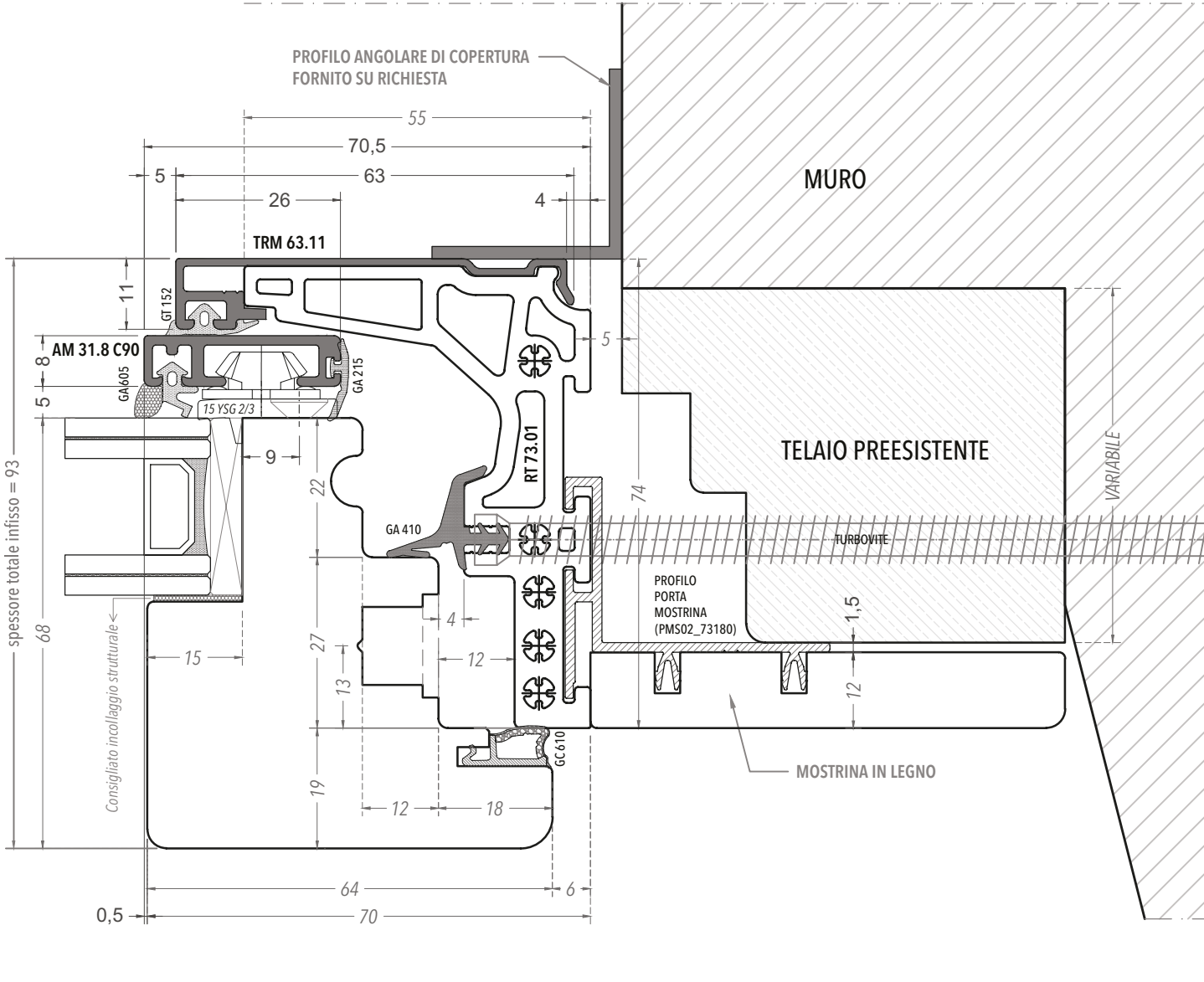
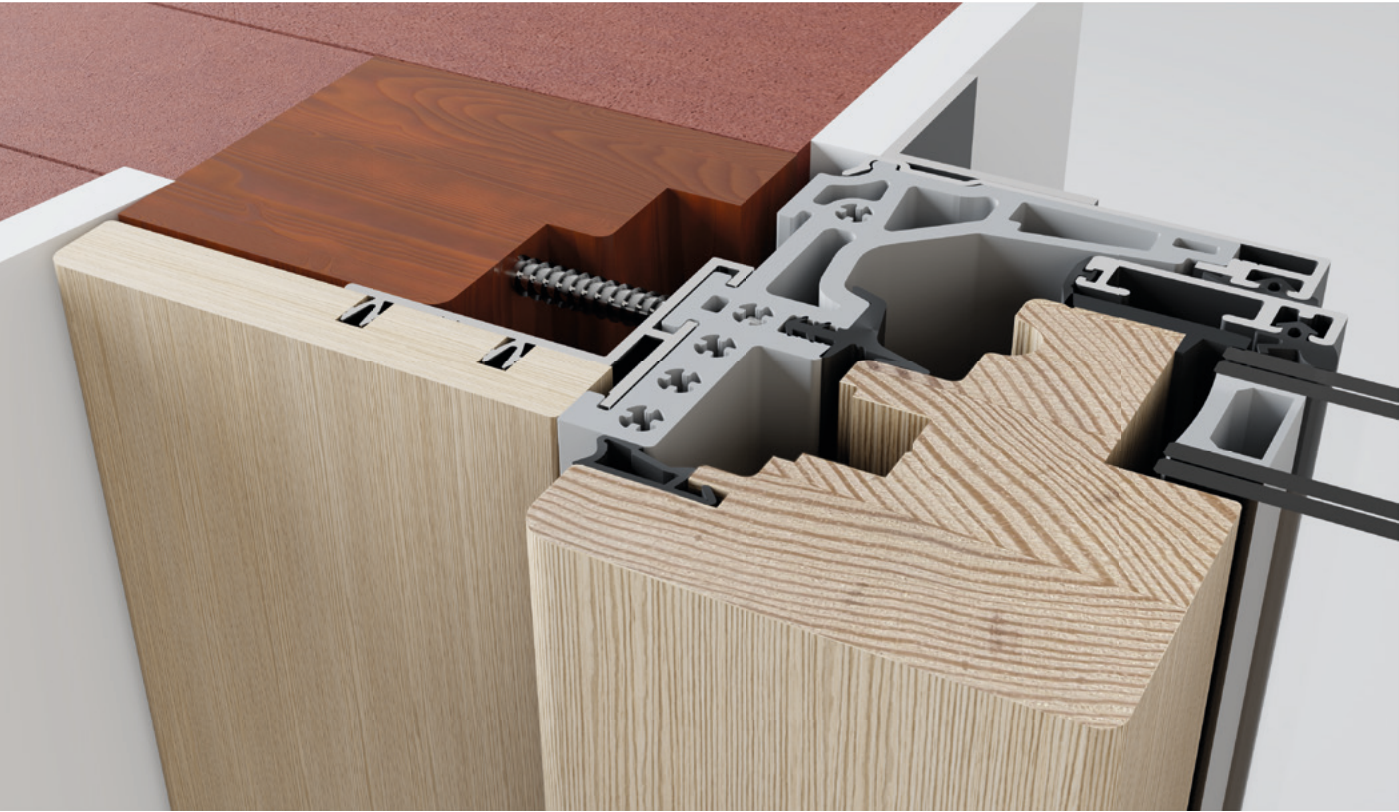
Nelle pagine seguenti sono illustrati alcuni esempi relativi alle installazioni più frequenti.

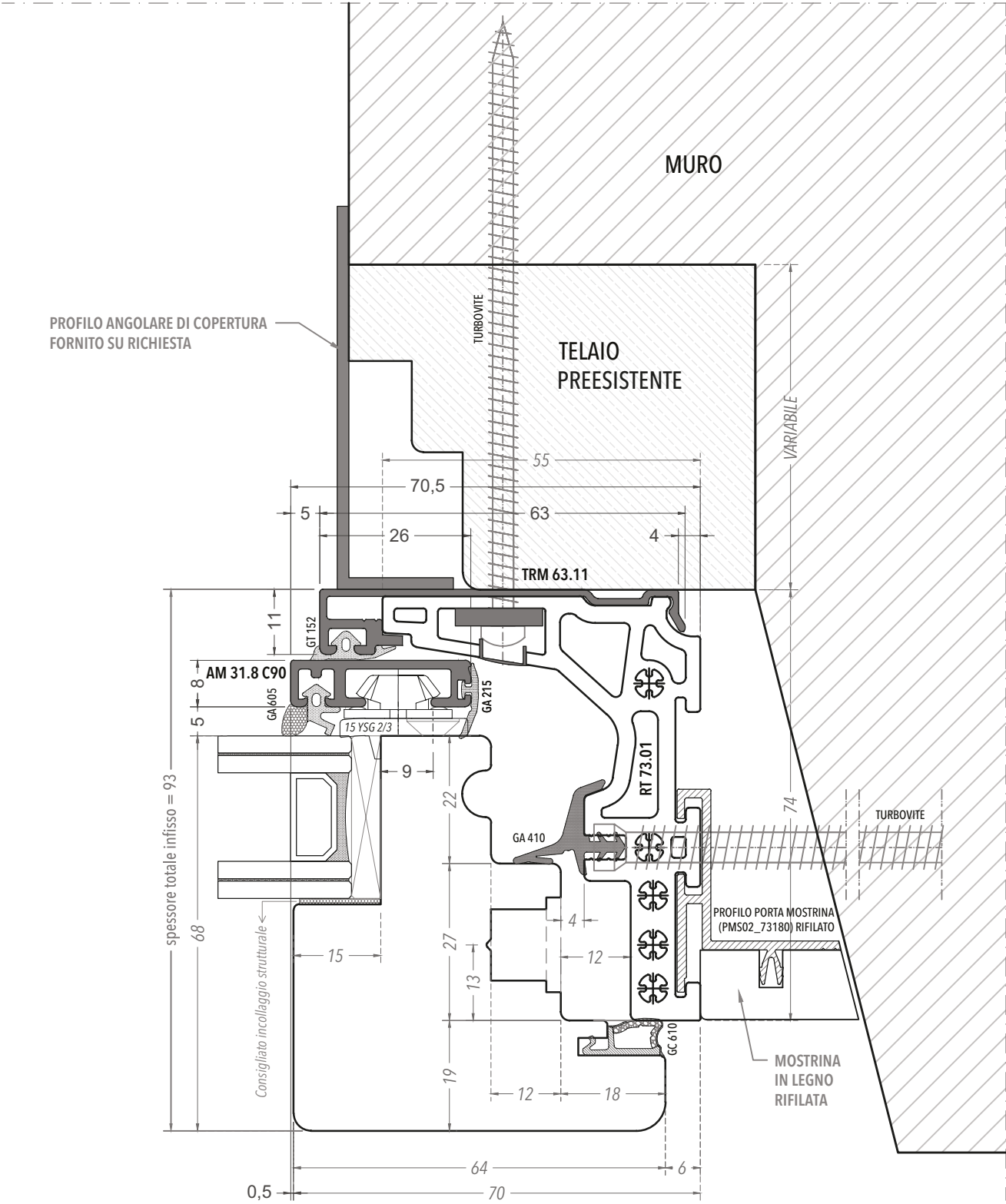
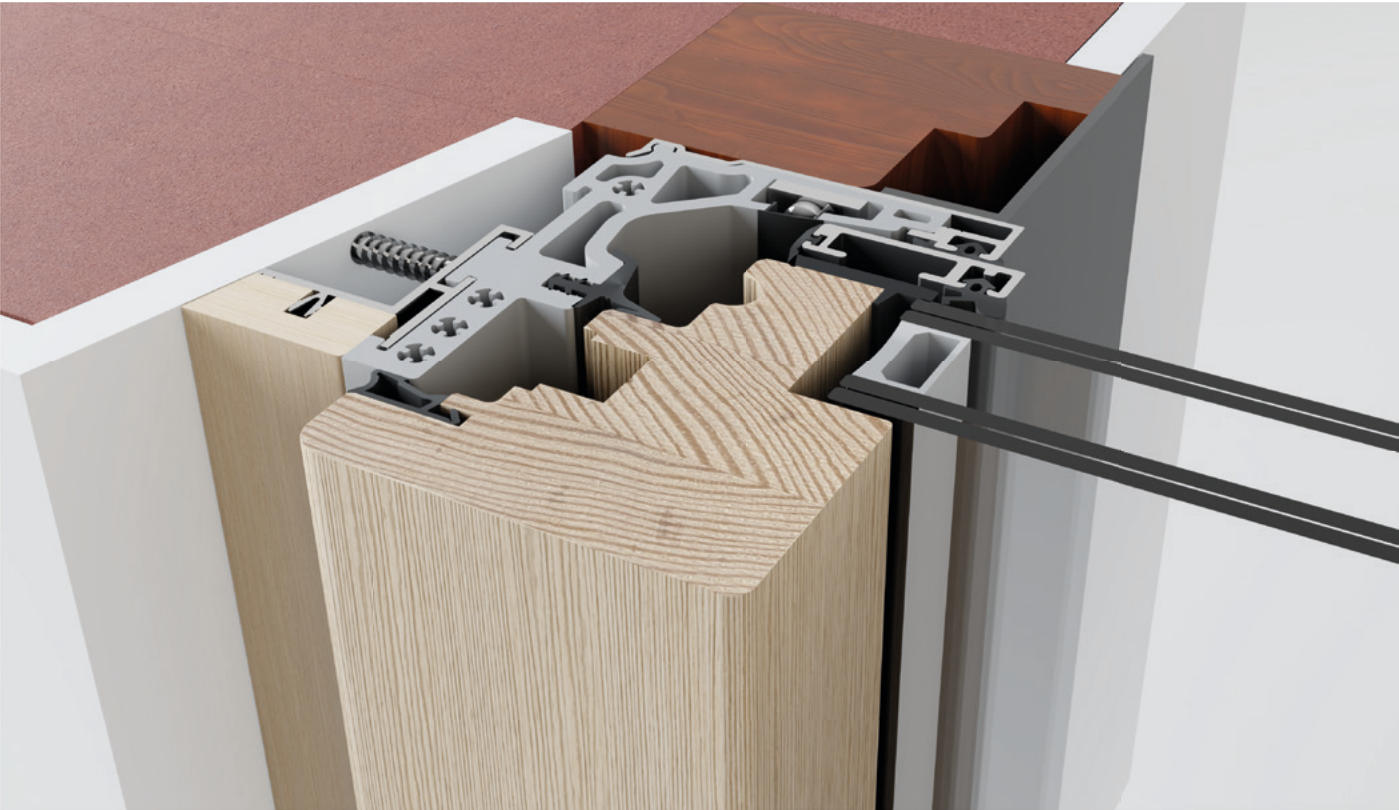


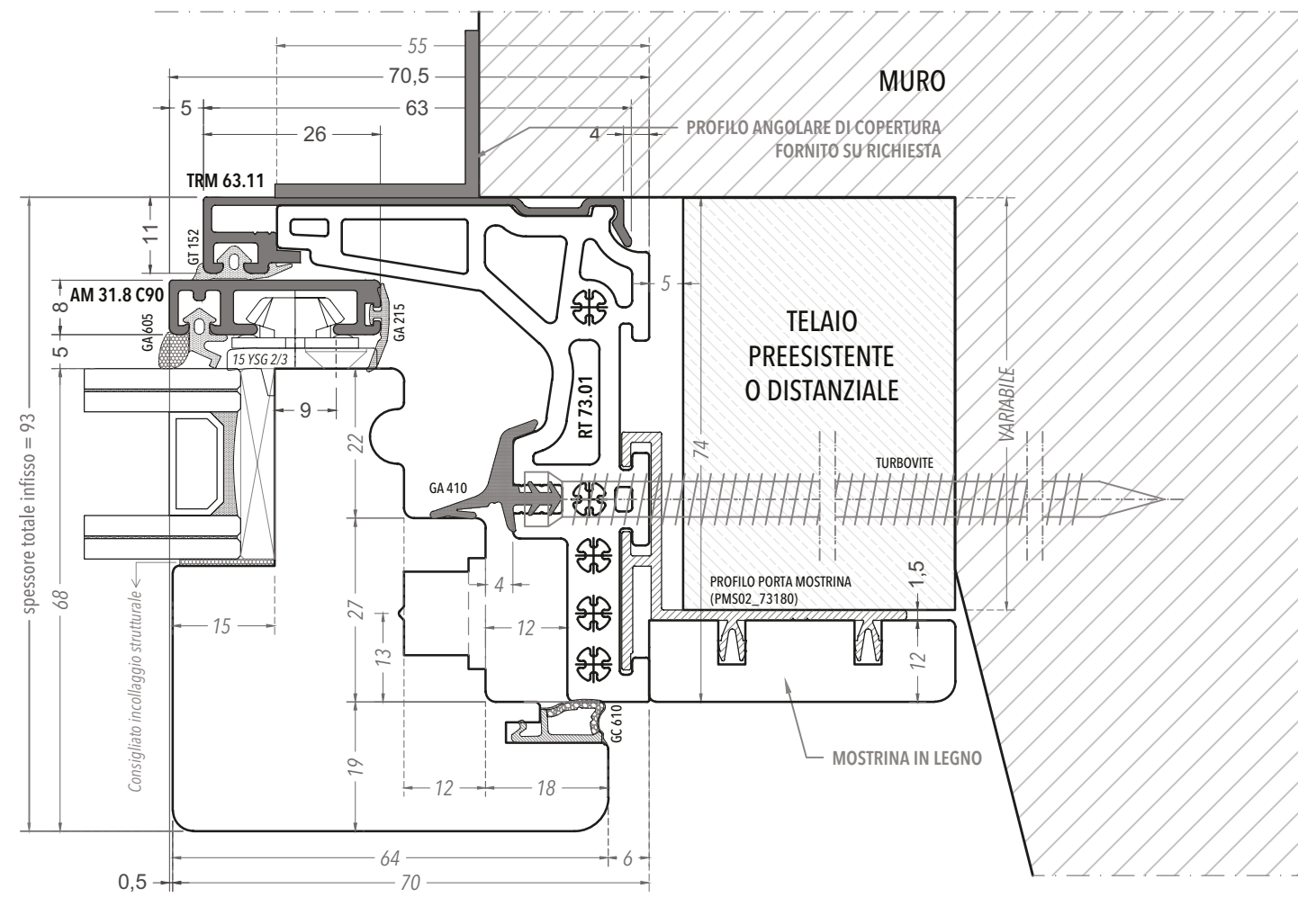


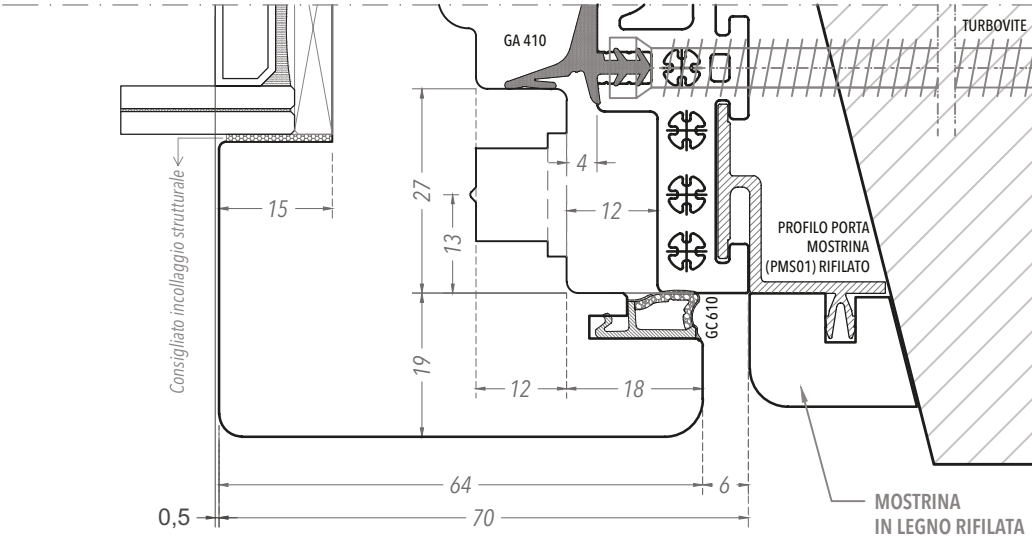
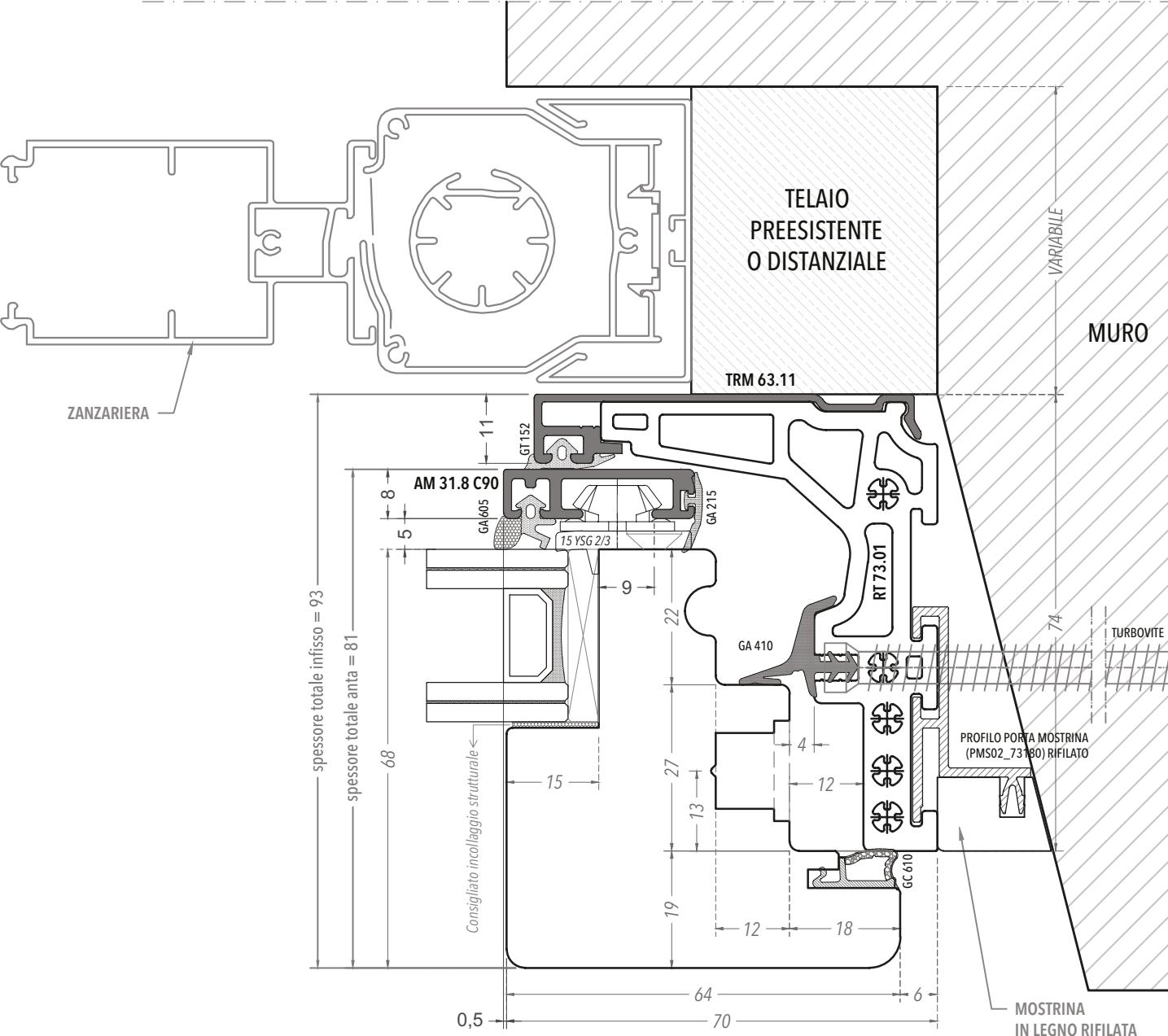




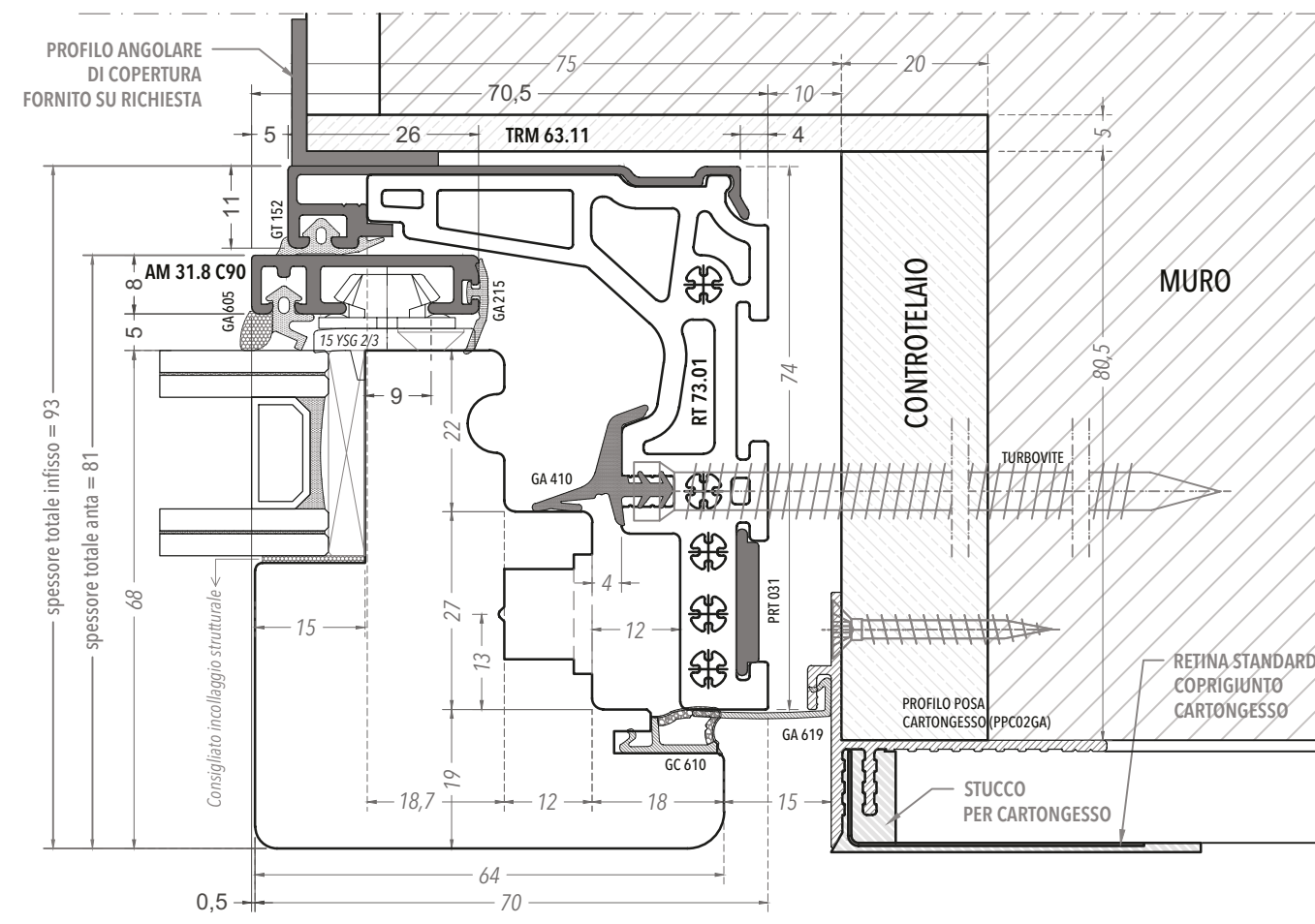
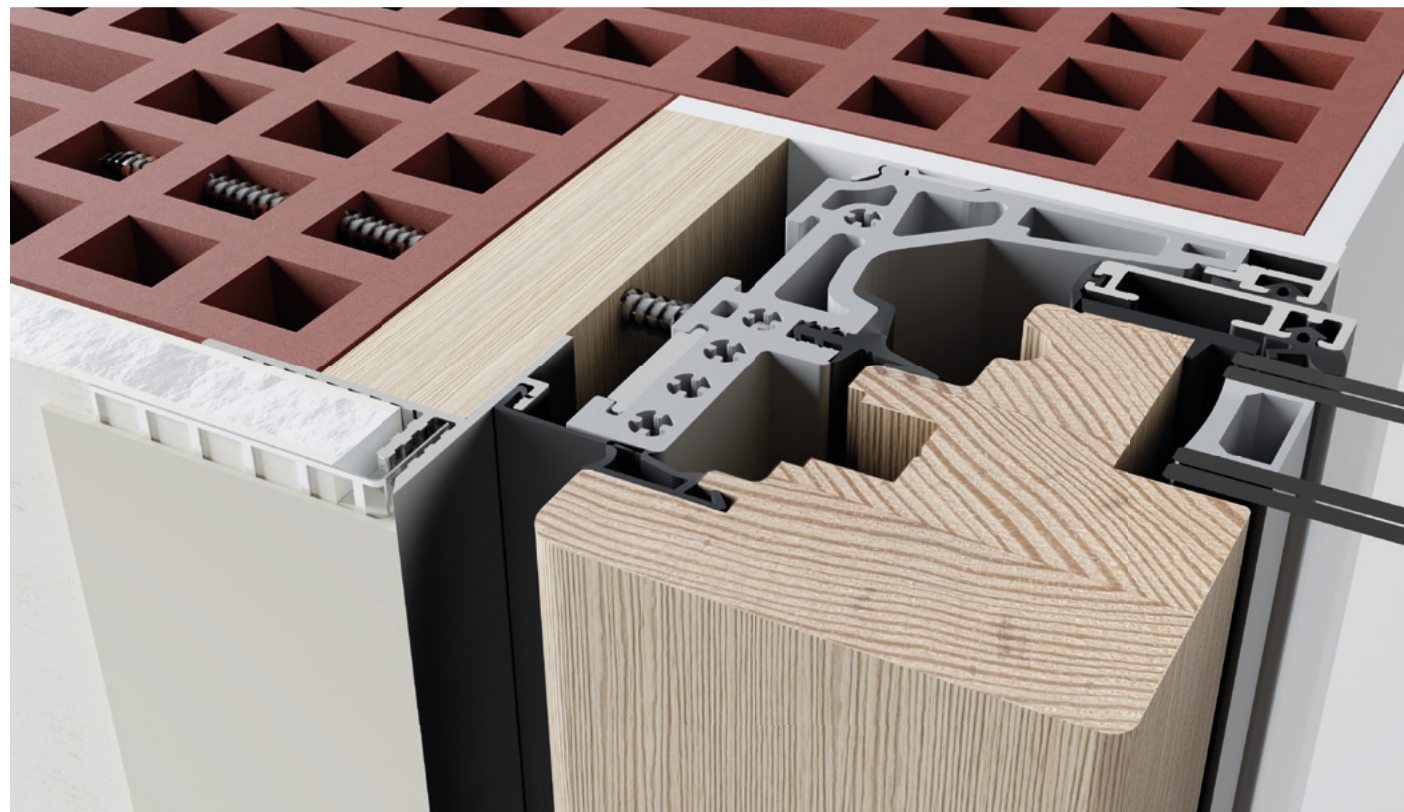






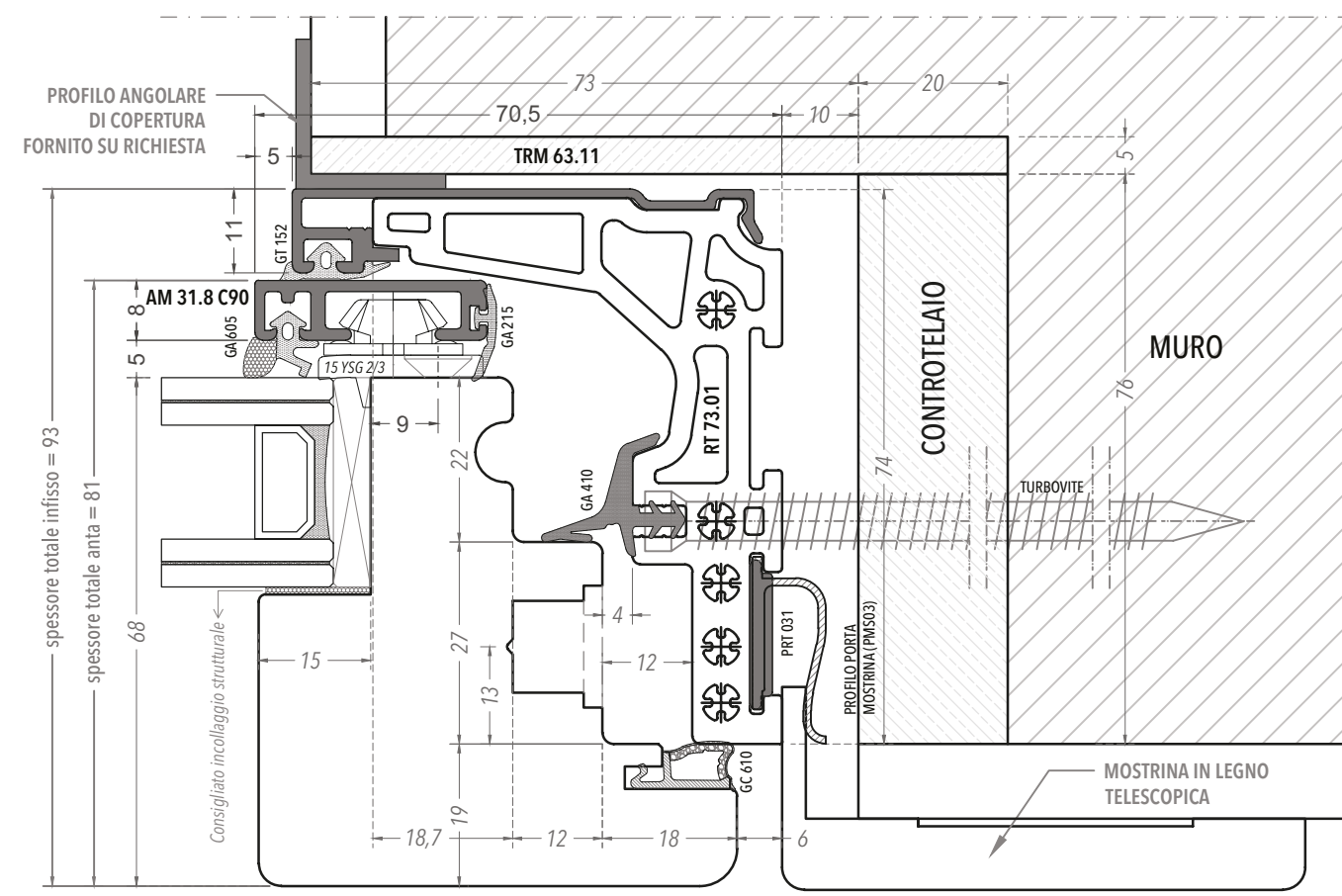
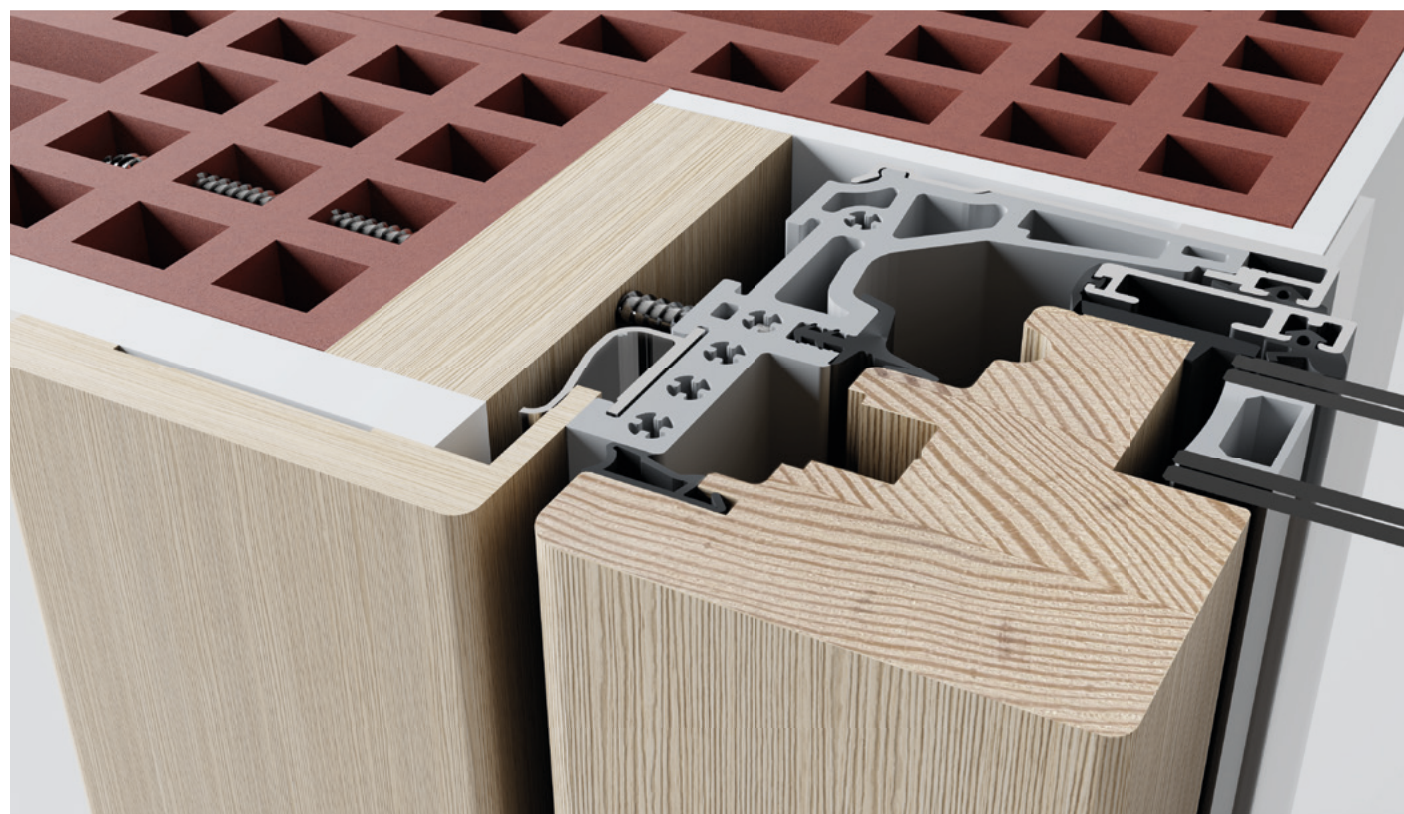


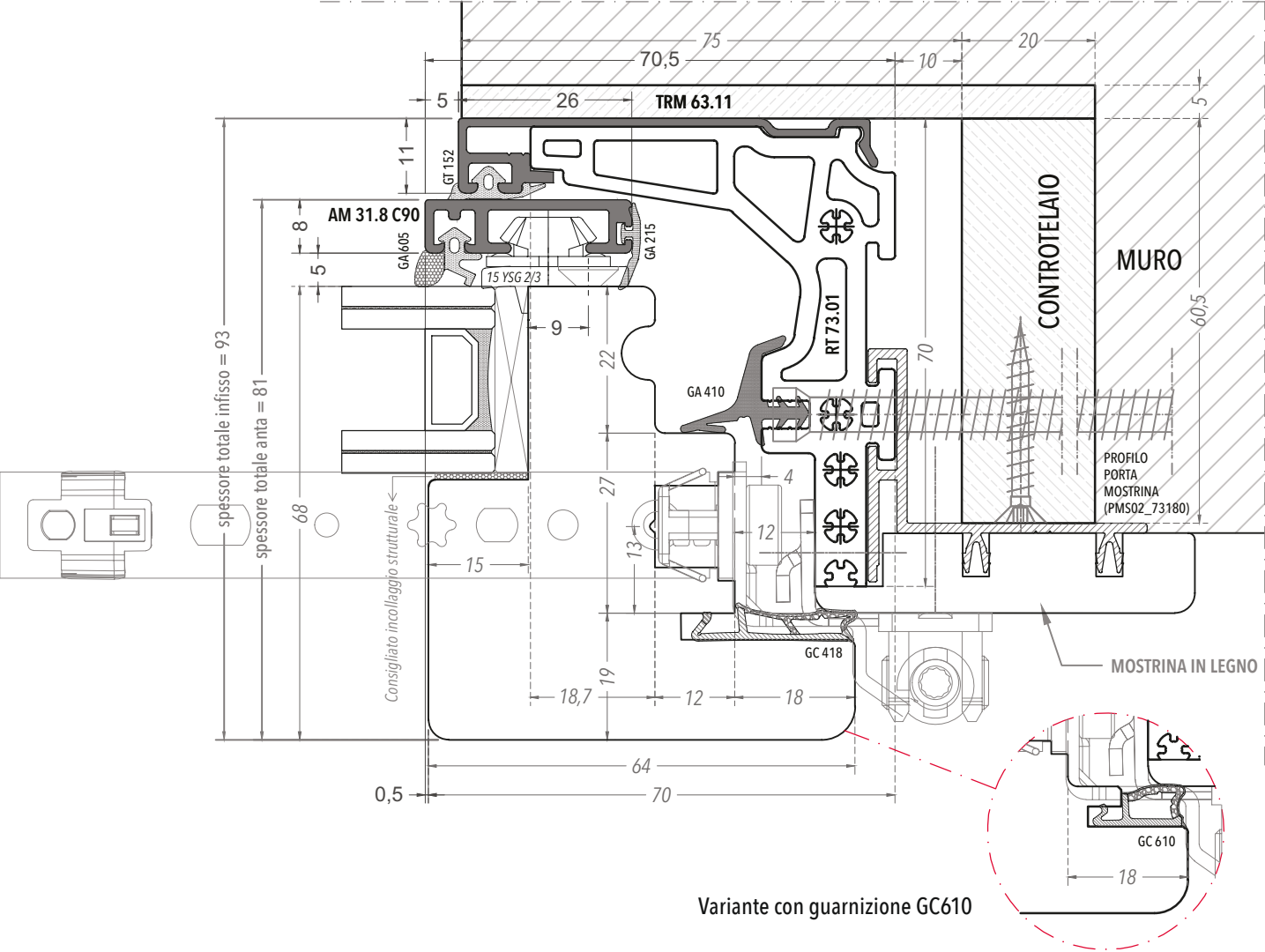
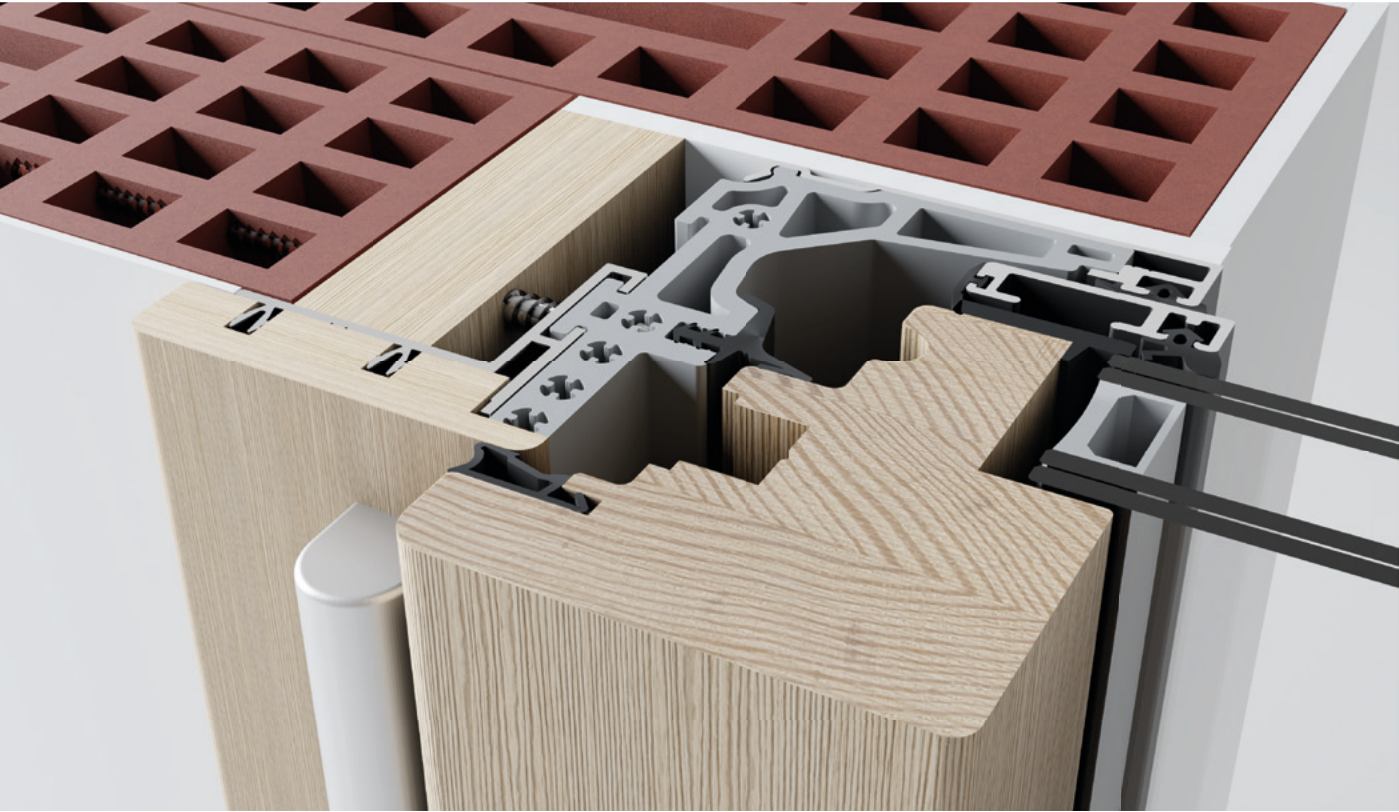
PROFILO DI POSA FISSATO SUL CONTROTELAIO



UTILIZZO DI MOSTRINA TELESCOPICA E PROFILO DI POSA PMS03 DEDICATO

PROFILO DI POSA PMS03 DEDICATO



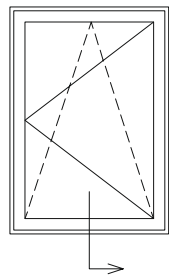


Variante con guarnizione GC610



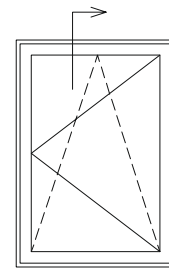
Spessore telaio 74 mm
Spessore anta 68 mm

GRACE Ekotech



FINESTRA

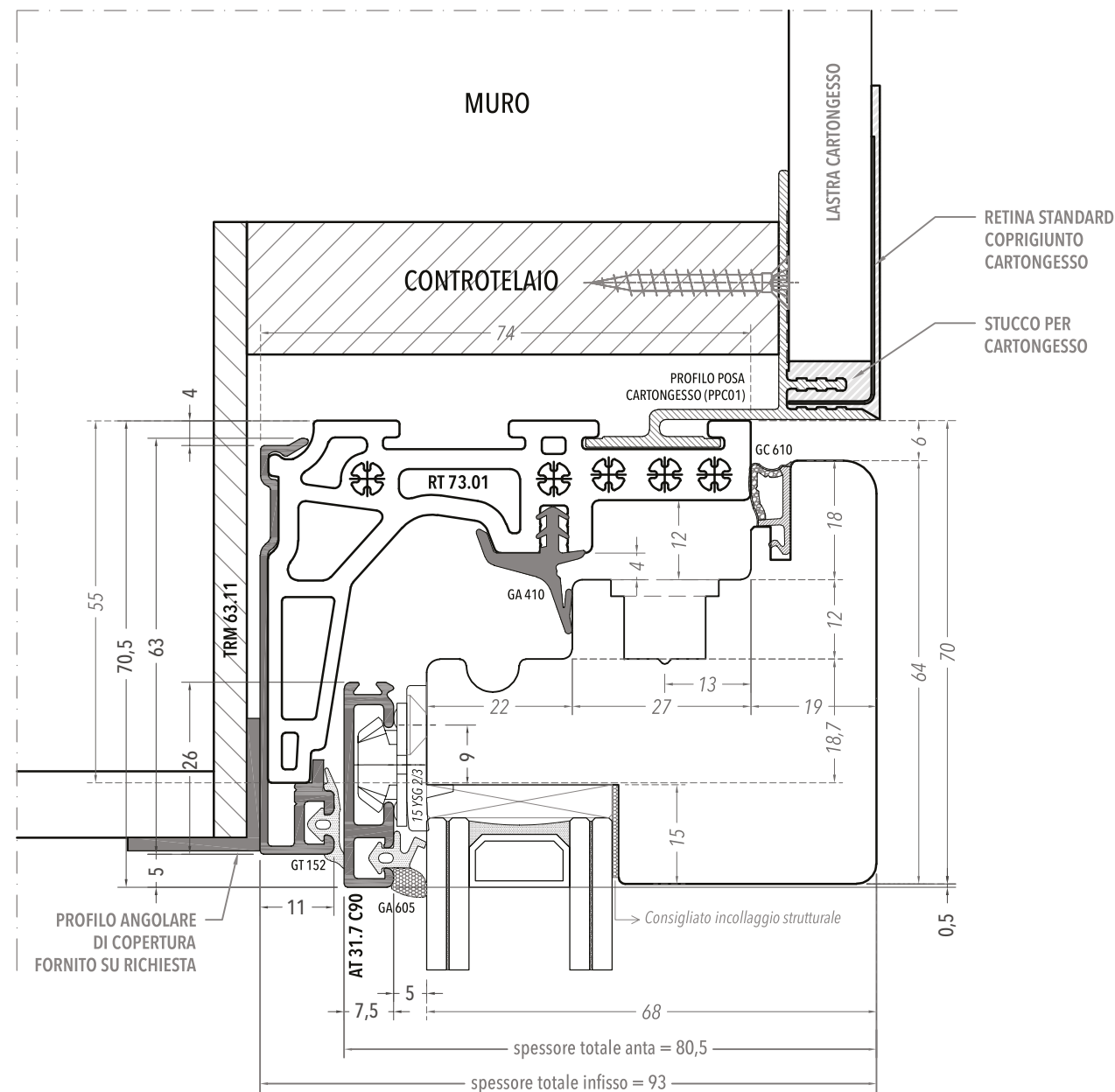
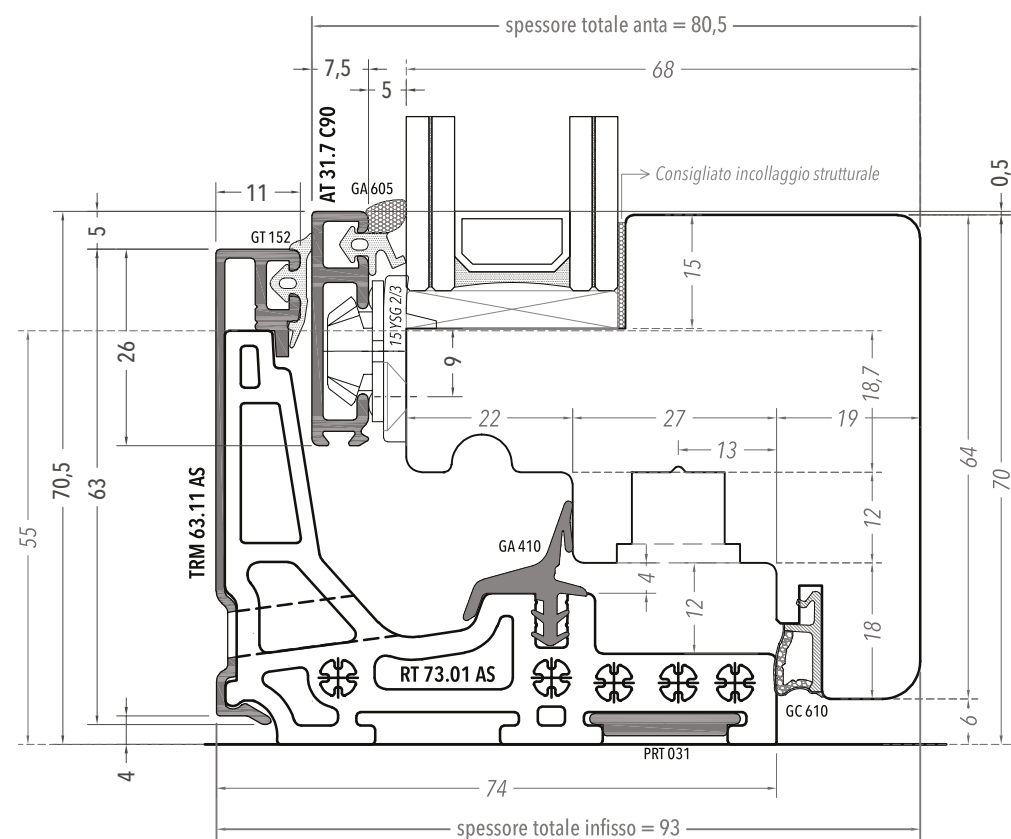
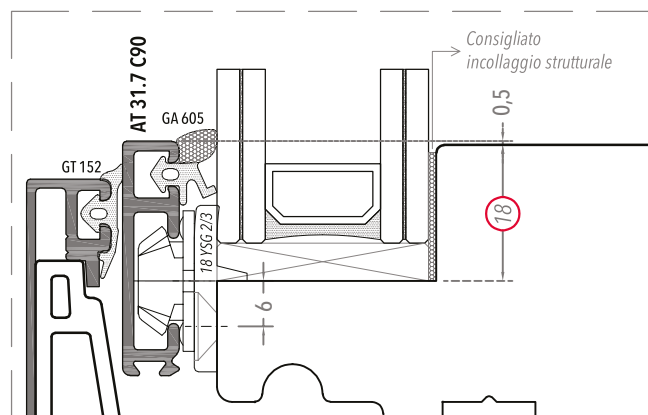
SEZIONE VERTICALE
NODO INFERIORE
SCALA 1:1

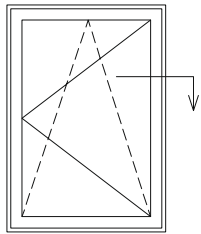


FINESTRA

SEZIONE VERTICALE
NODO SUPERIORE
SCALA 1:1

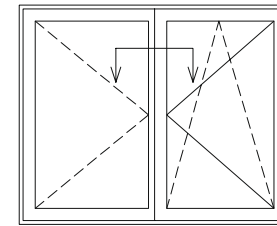
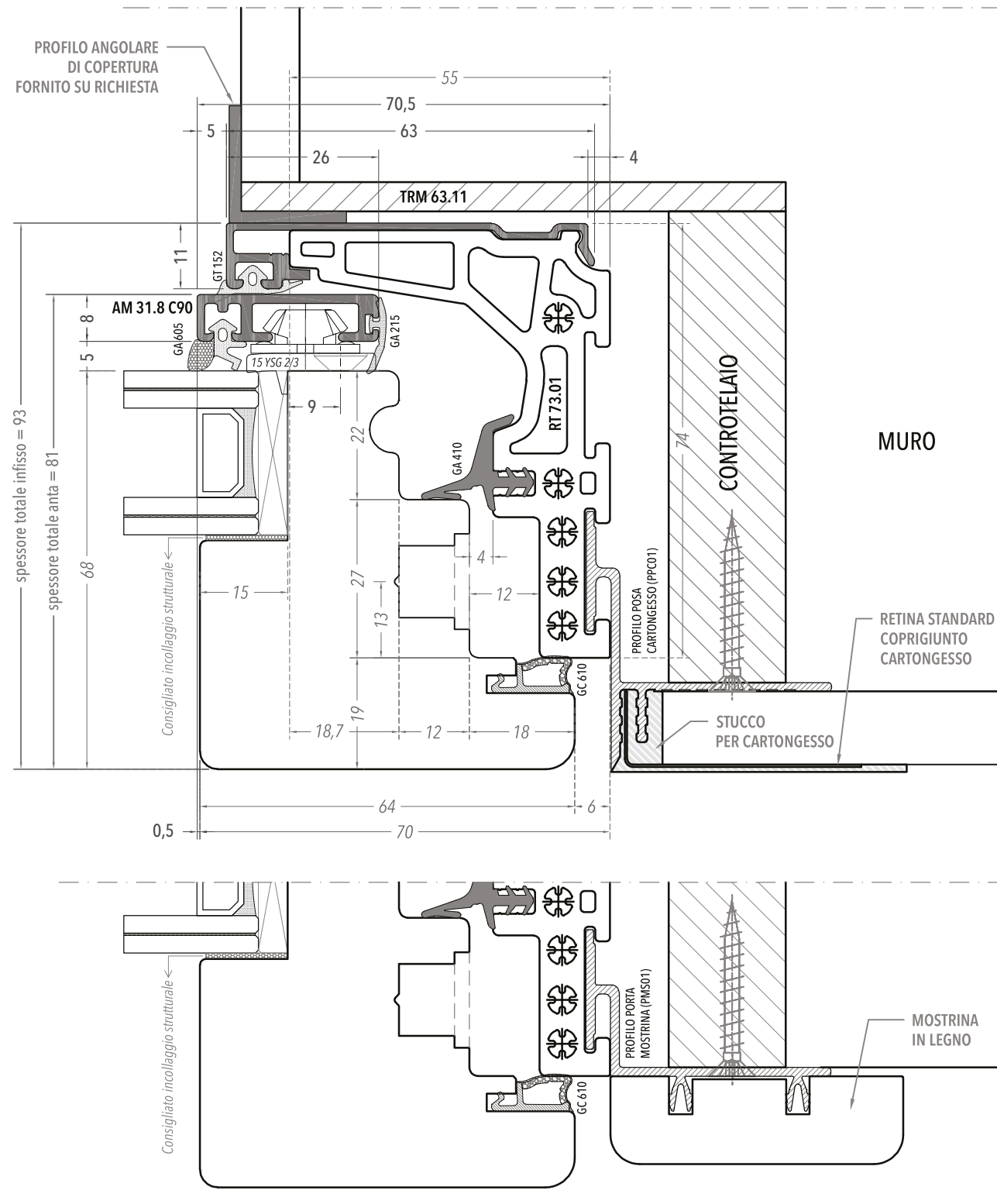
Variante con battuta vetro da 18mm e clip 18 YSG2/3





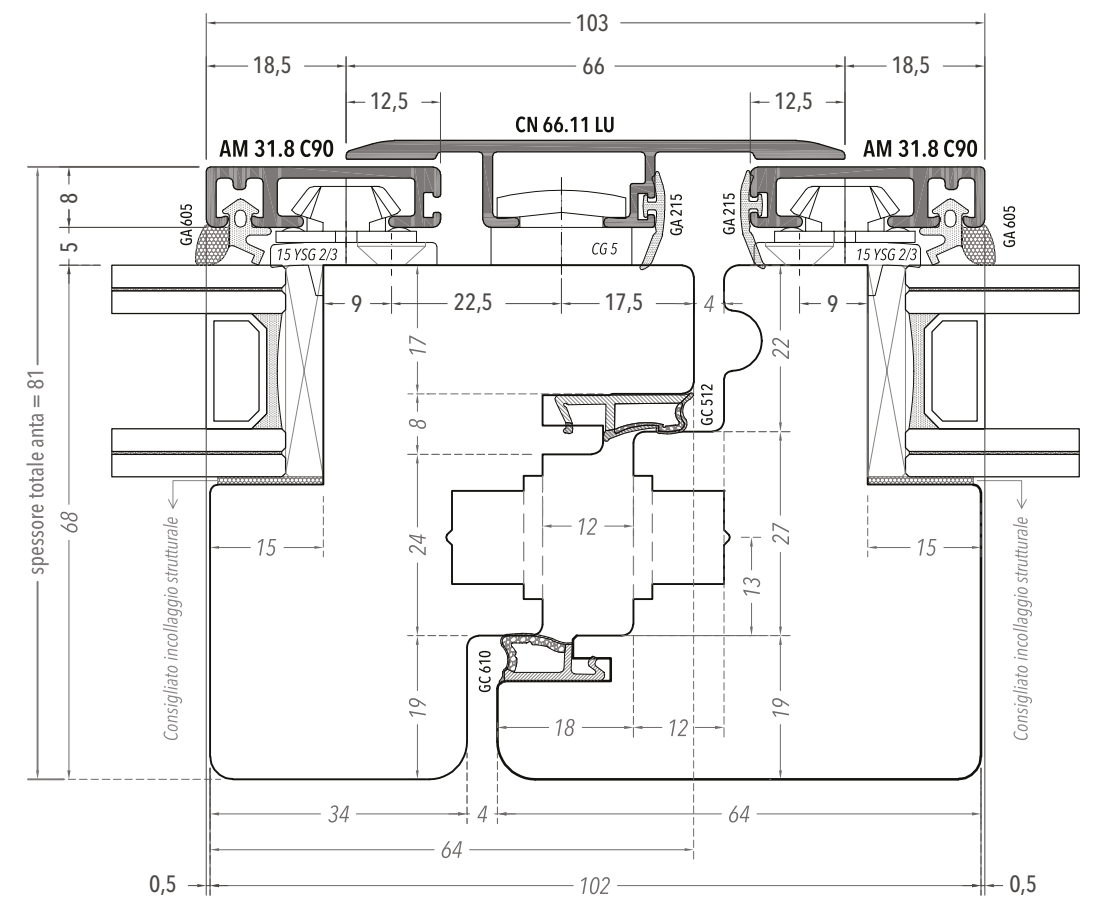
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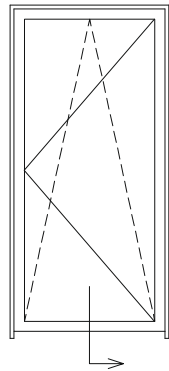
SEZIONE ORIZZONTALE
NODO LATERALE
SCALA 1:1



FINESTRA

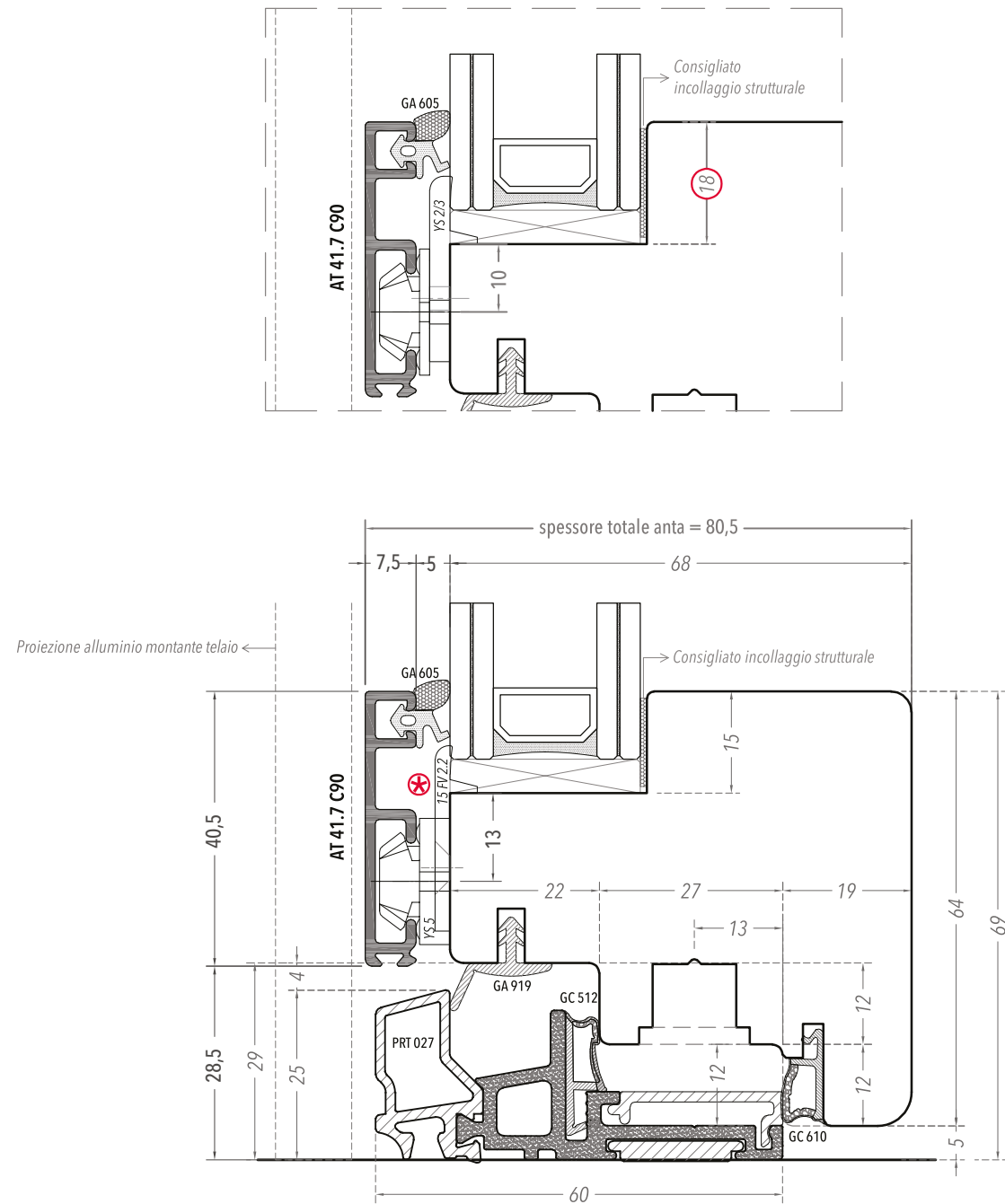
SEZIONE ORIZZONTALE
NODO CENTRALE
SCALA 1:1



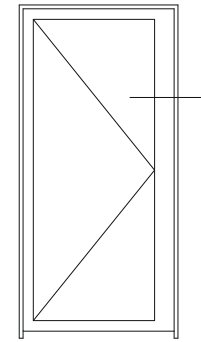


PORTAFINESTRA

SEZIONE VERTICALE
NODO INFERIORE
SCALA 1:1



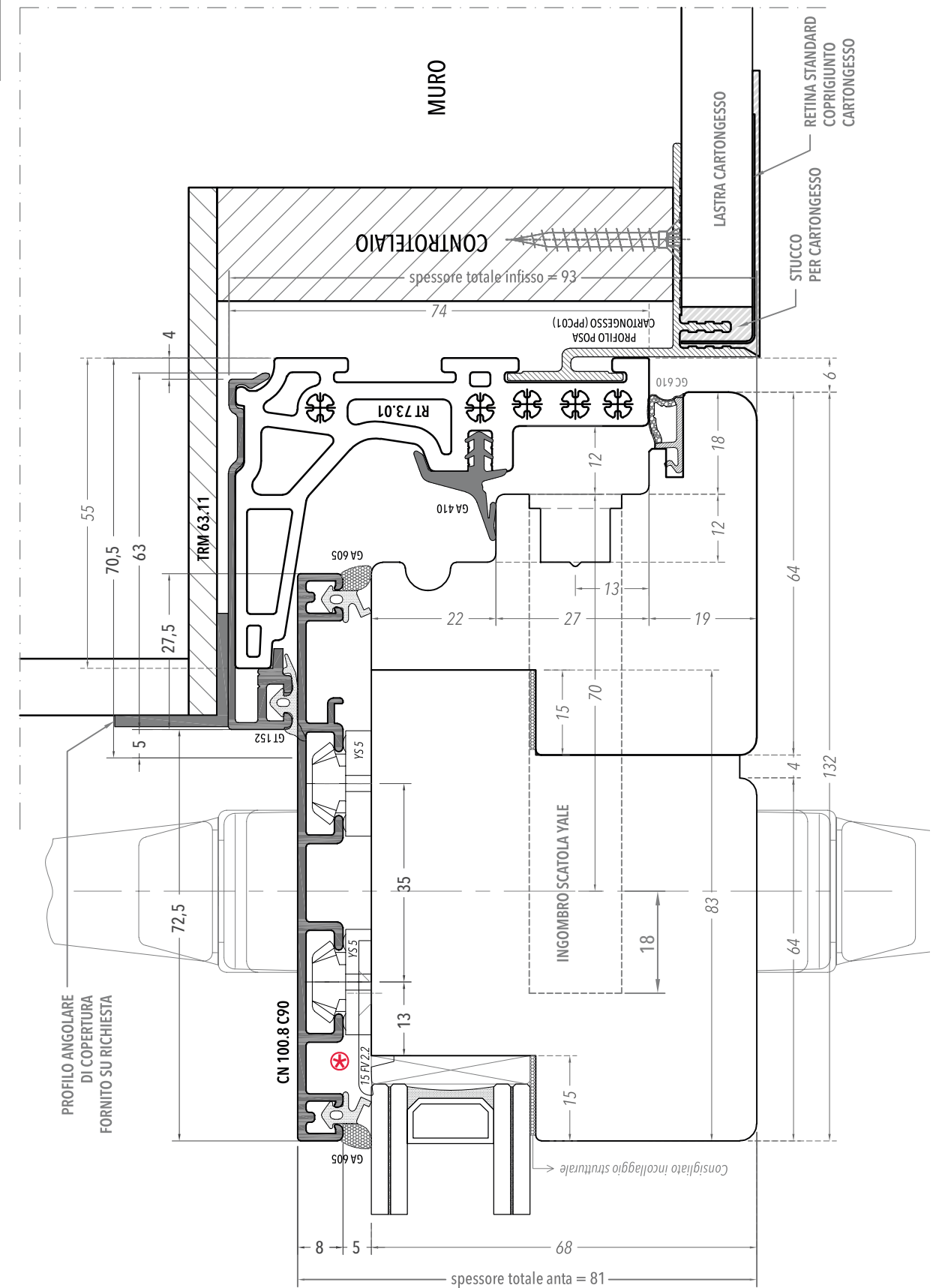
⊗ Alternare una basetta fermavetro auto-posizionante 15FV 2.2 a una clip a scatto YS 5.



PORTAFINESTRA CON SERRATURA PASSANTE

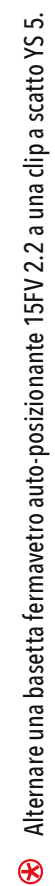
SEZIONE ORIZZONTALE
NODO LATERALE
SCALA 1:1

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





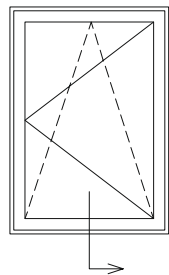
SEZIONE ORIZZONTALE
NODO CENTRALE
SCALA 1:1





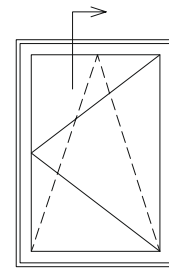
Spessore telaio 74 mm
Spessore anta 68 mm

SLIM Ekotech



FINESTRA

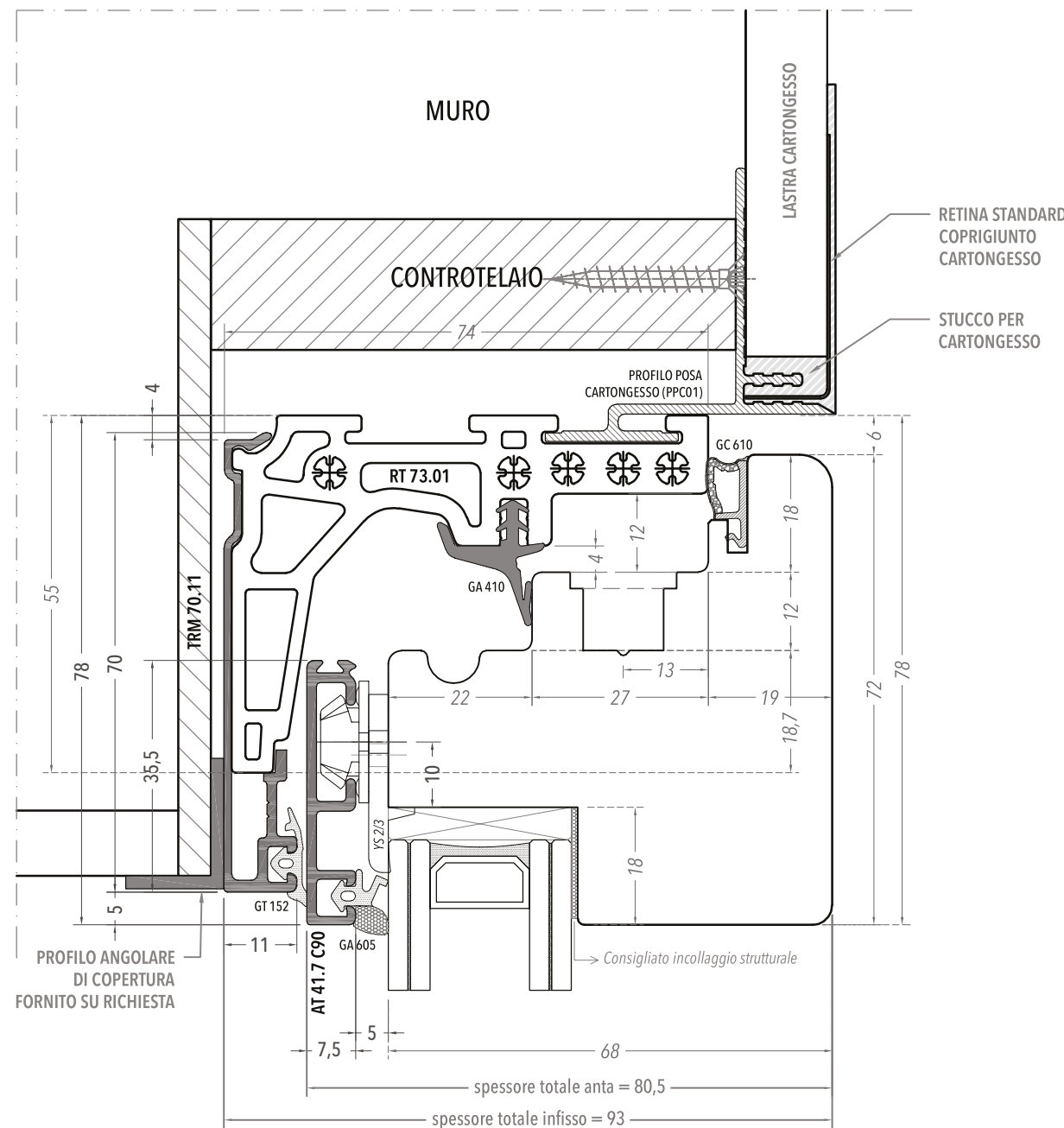
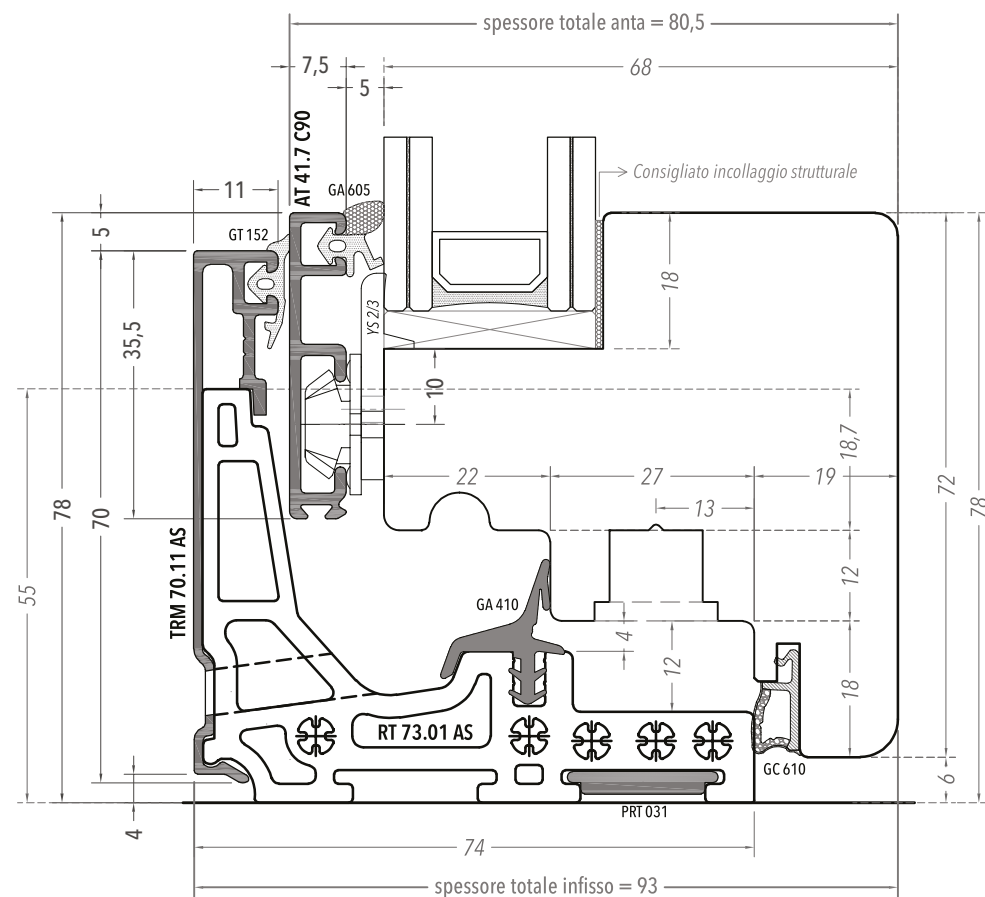
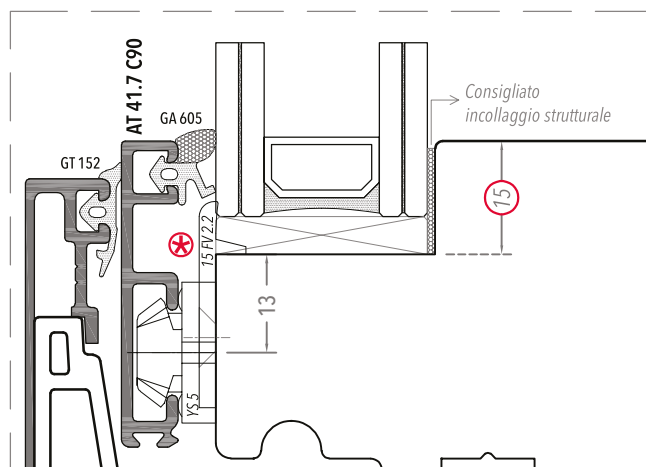
SEZIONE VERTICALE
NODO INFERIORE
SCALA 1:1



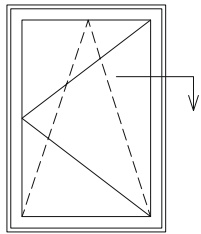
FINESTRA

SEZIONE VERTICALE
NODO SUPERIORE
SCALA 1:1

Variante con battuta vetro da 15mm

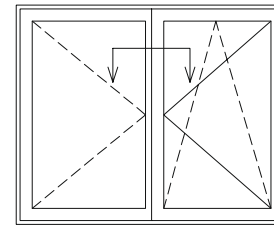
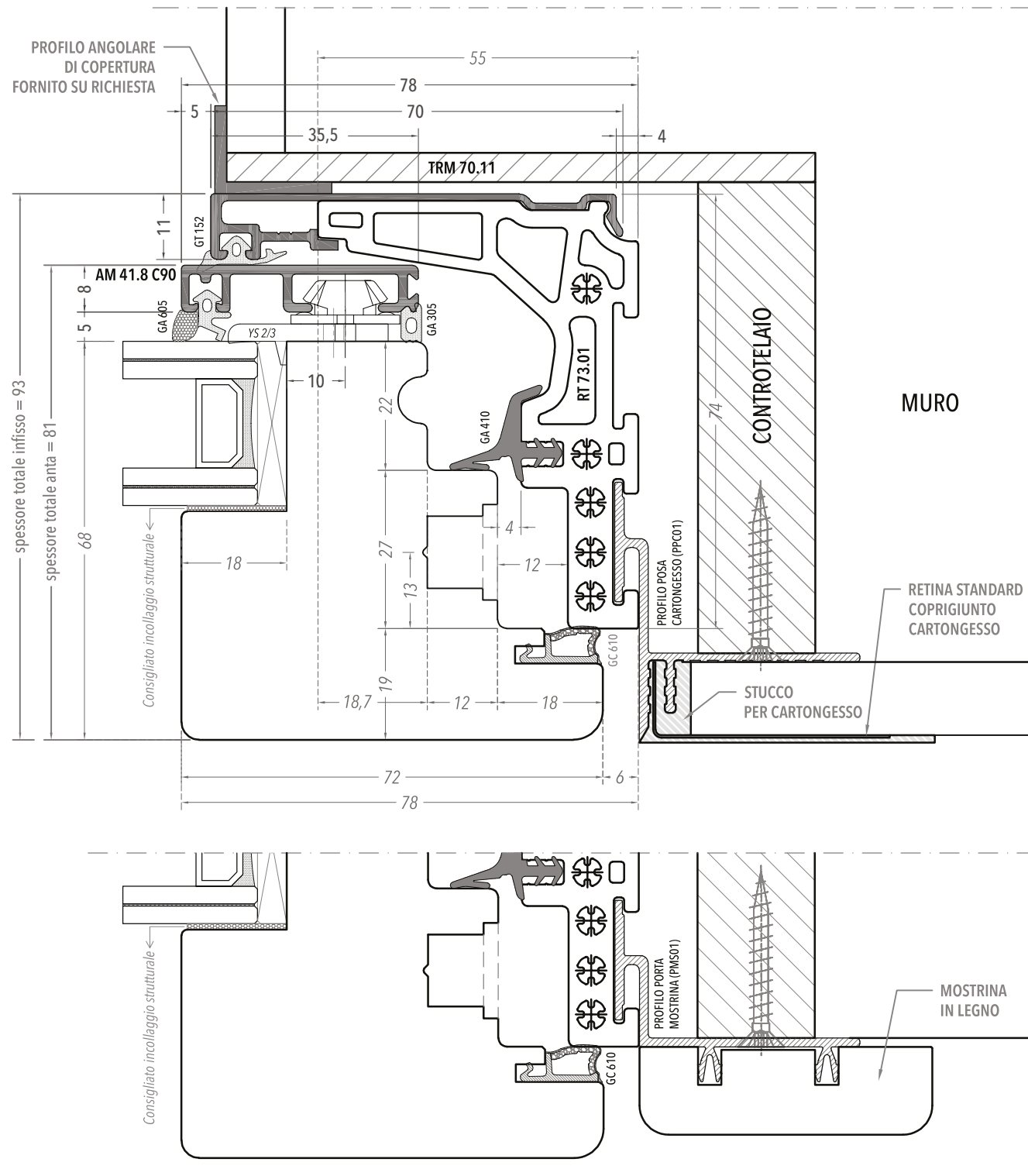


⊗ Alternare una basetta fermavetro auto-posizionante 15FV 2.2 a una clip a scatto YS 5.



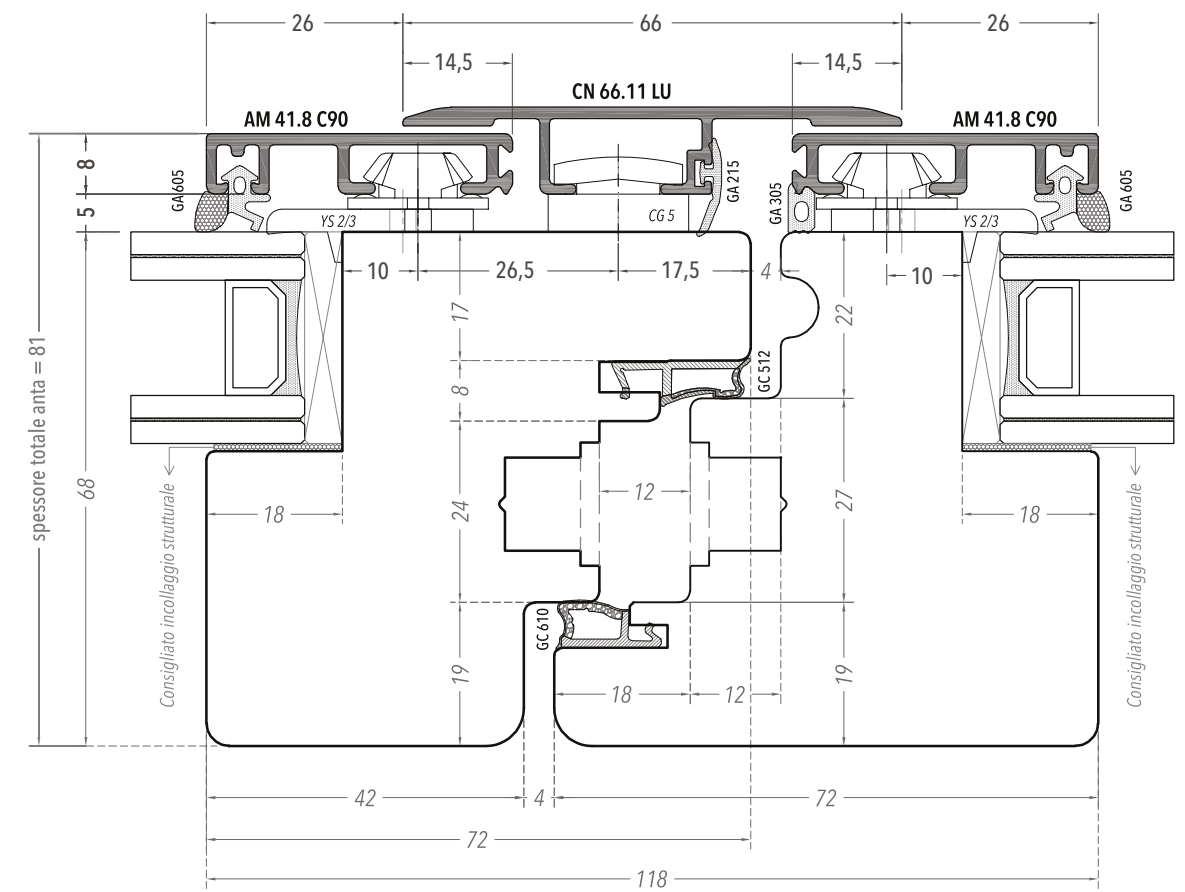
FINESTRA

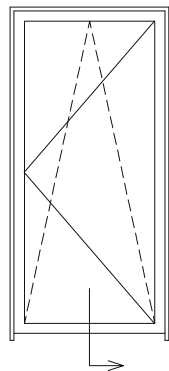
SEZIONE ORIZZONTALE
NODO LATERALE
SCALA 1:1



FINESTRA

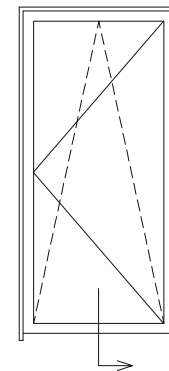
SEZIONE ORIZZONTALE
NODO CENTRALE
SCALA 1:1





PORTAFINESTRA

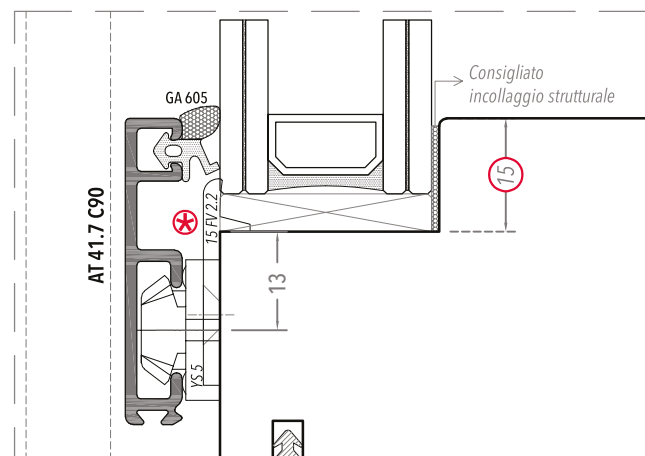
SEZIONE VERTICALE
NODO INFERIORE
SCALA 1:1



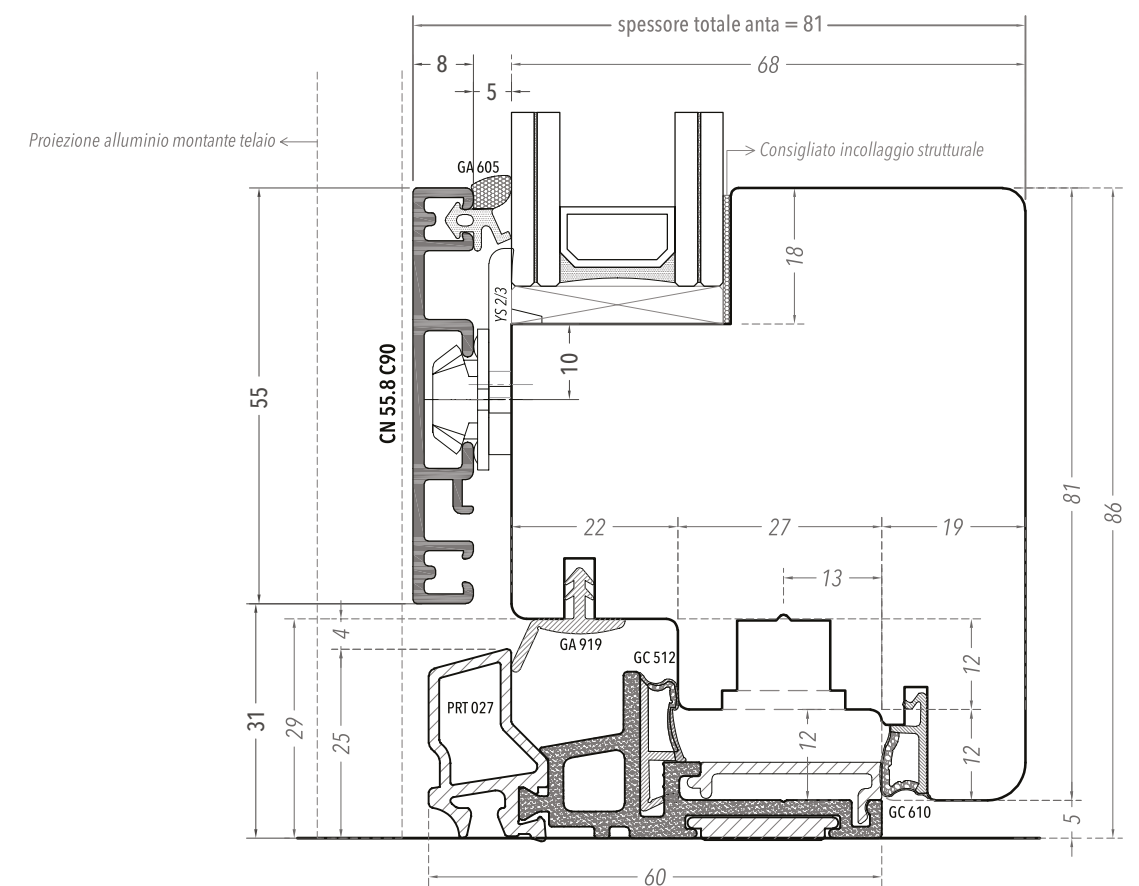
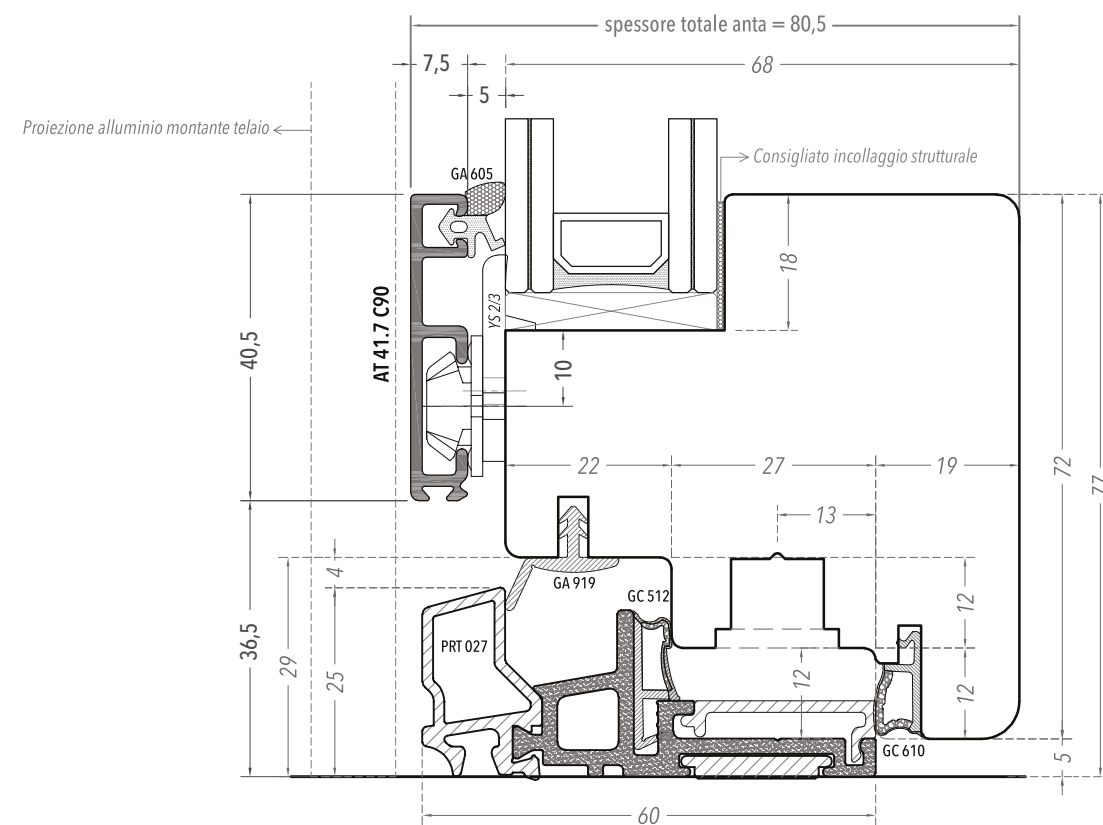
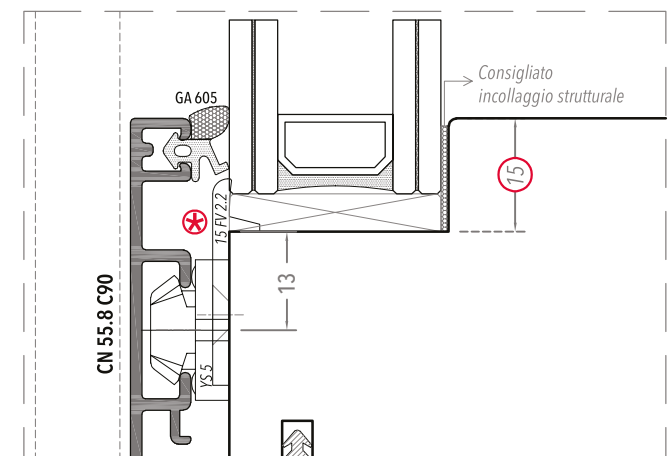
PORTAFINESTRA

SEZIONE VERTICALE
NODO INFERIORE
SCALA 1:1

Variante con battuta vetro da 15mm



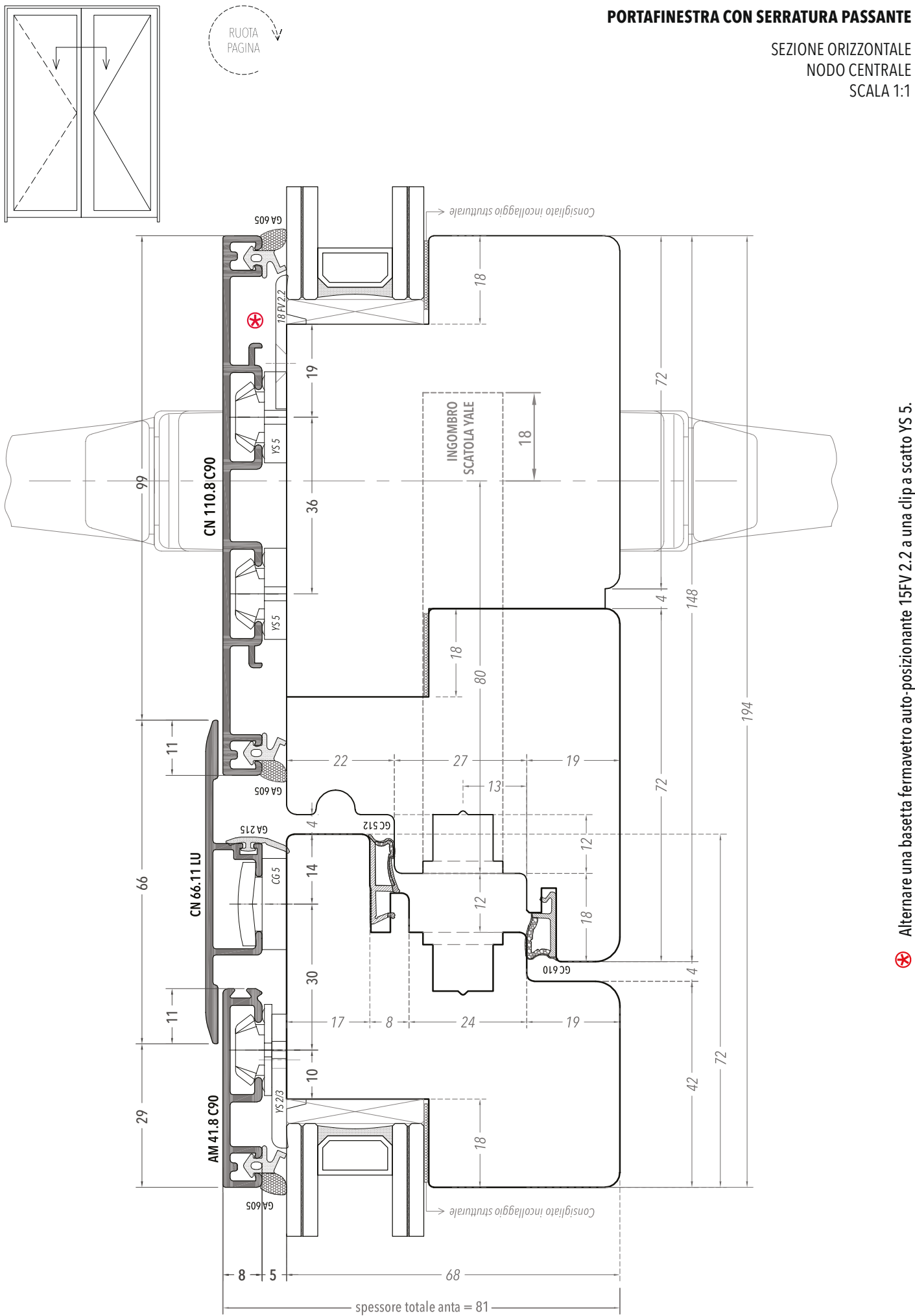
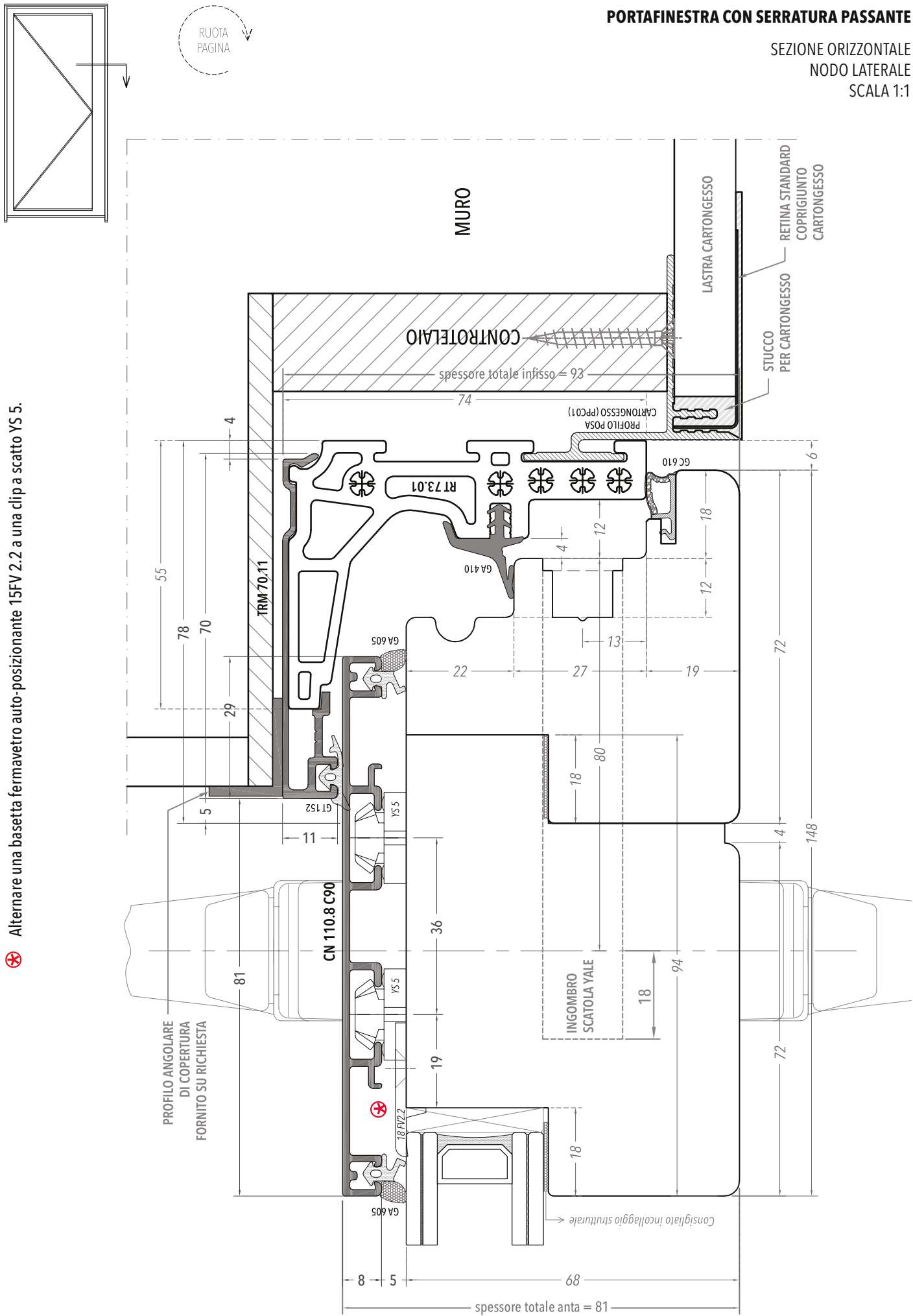
Variante con battuta vetro da 15mm



⊗ 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.

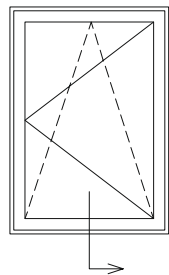
⊕ Alternare una basetta fermavetro auto-posizionante 15FV 2.2 a una clip a scatto YS 5.





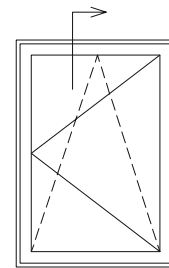
Spessore telaio 86 mm
Spessore anta 80 mm

GRACE
Ekotech



FINESTRA

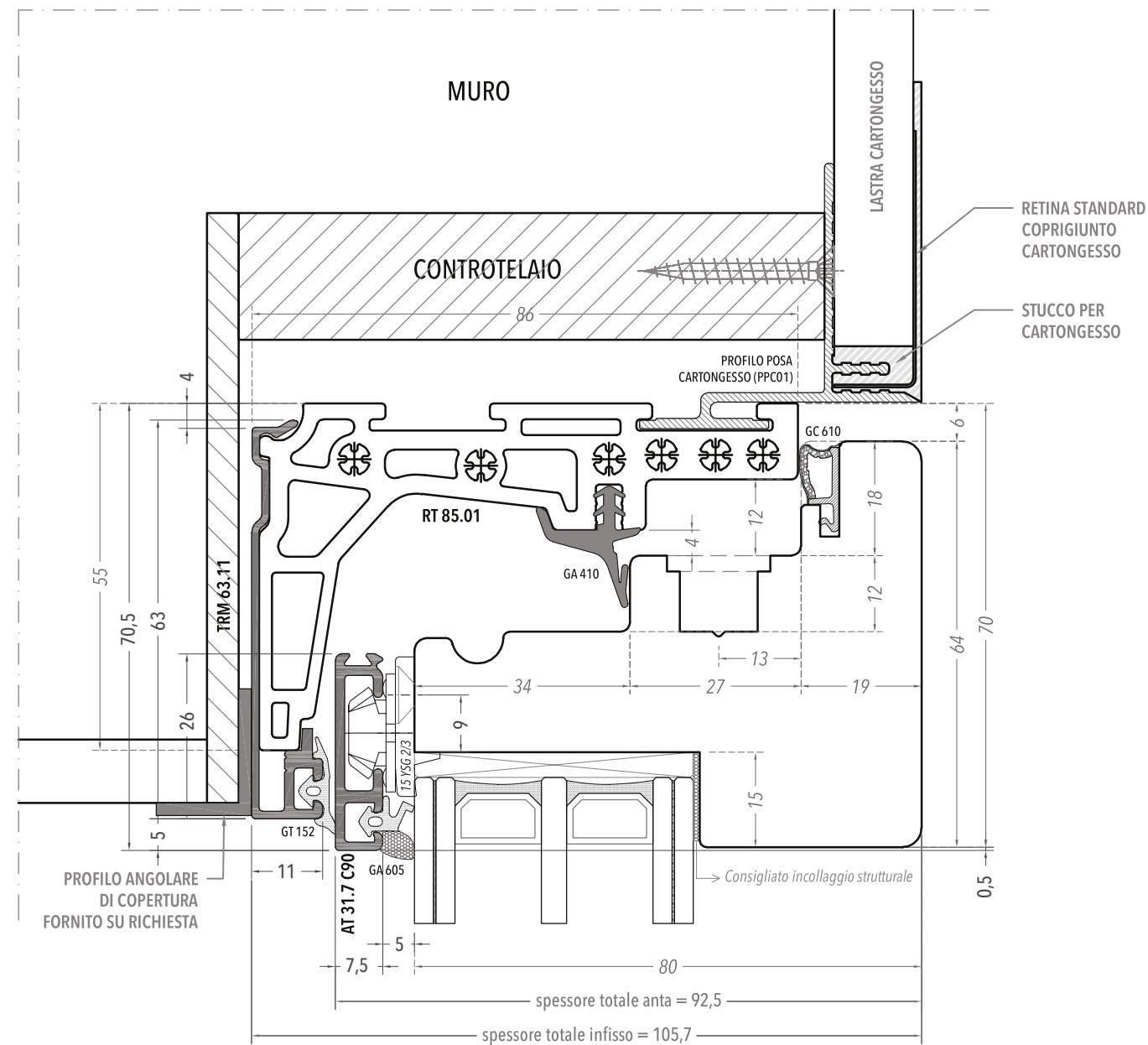
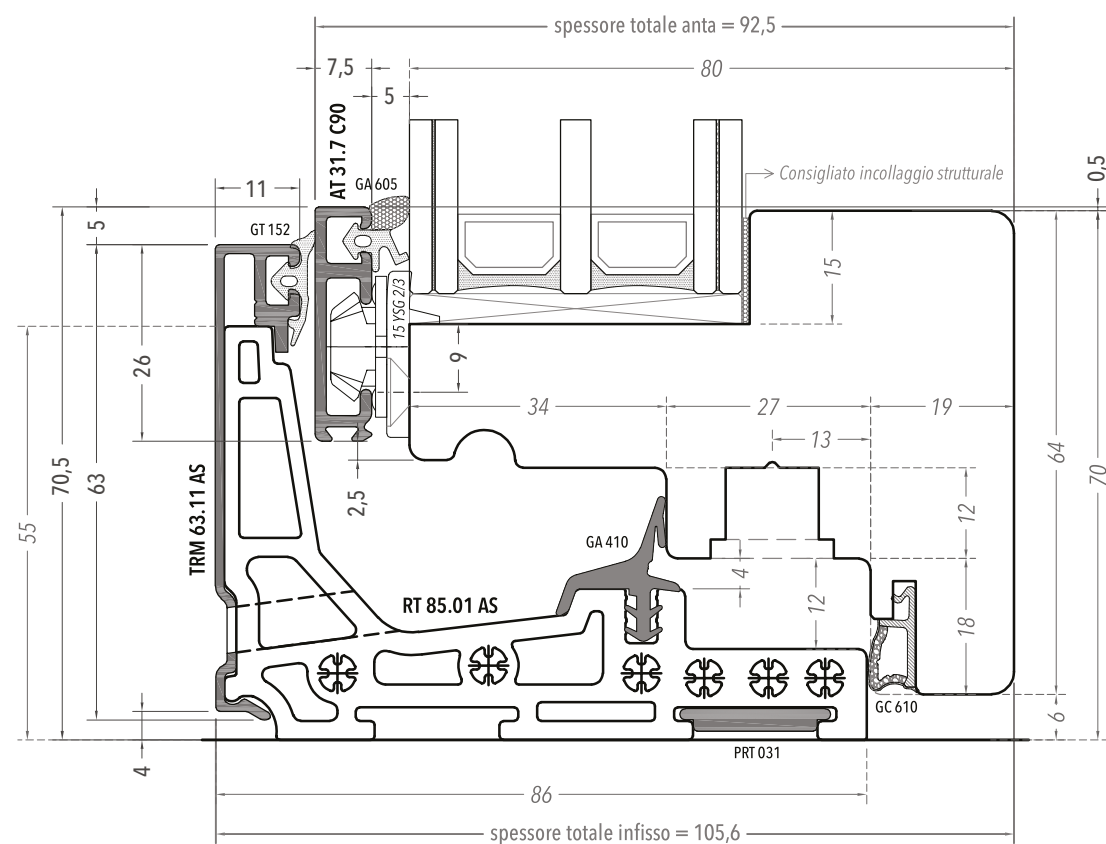
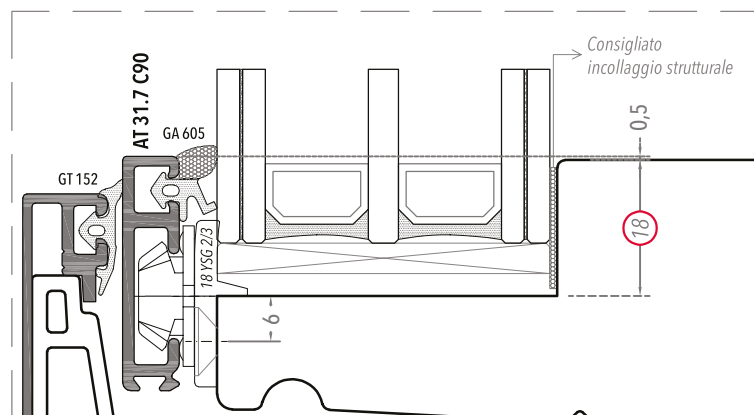
SEZIONE VERTICALE
NODO INFERIORE
SCALA 1:1

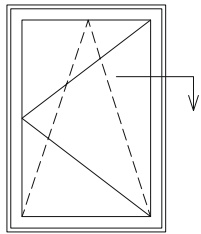


FINESTRA

SEZIONE VERTICALE
NODO SUPERIORE
SCALA 1:1

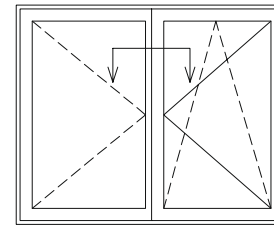
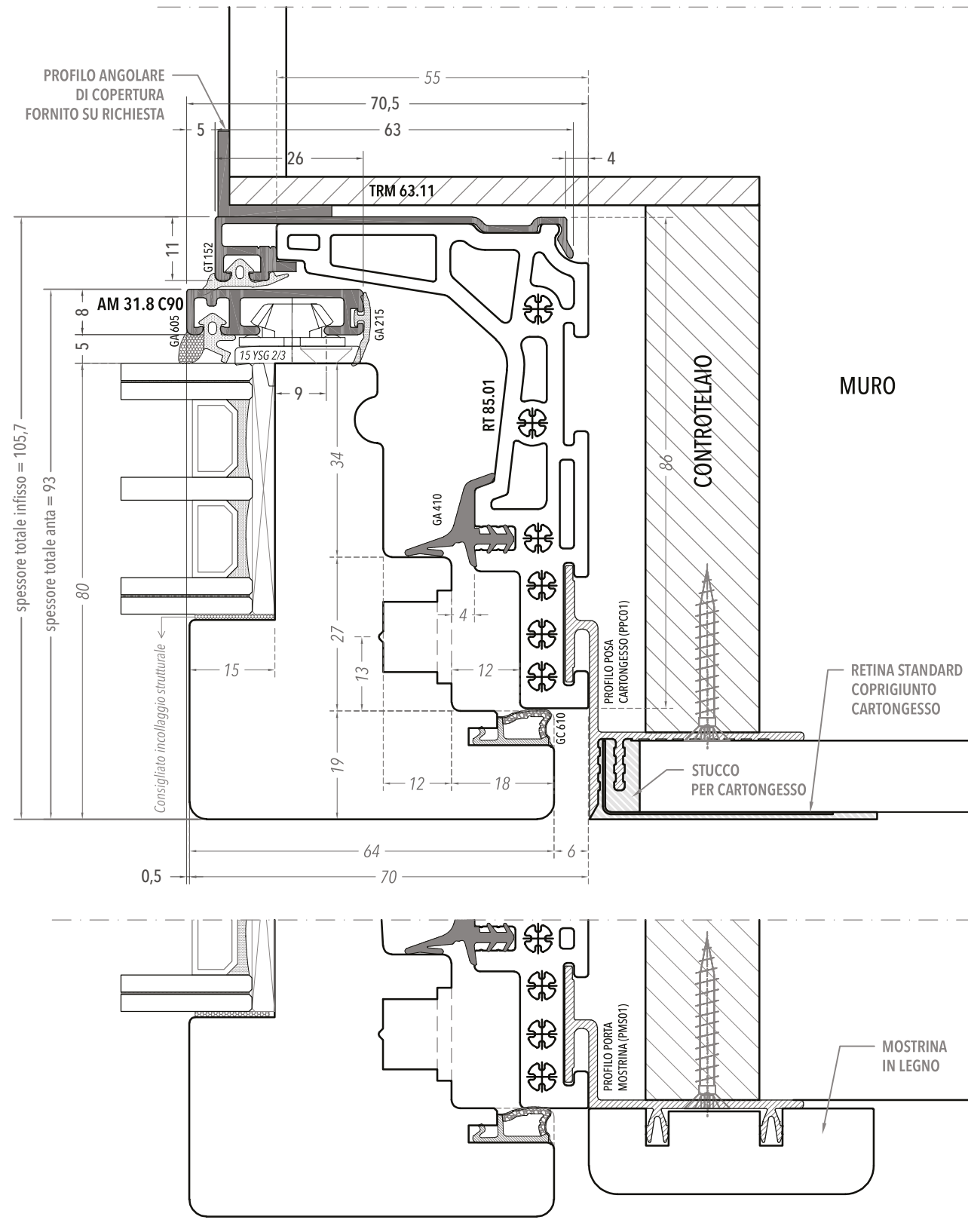
Variante con battuta vetro da 18mm e clip 18 YSG2/3





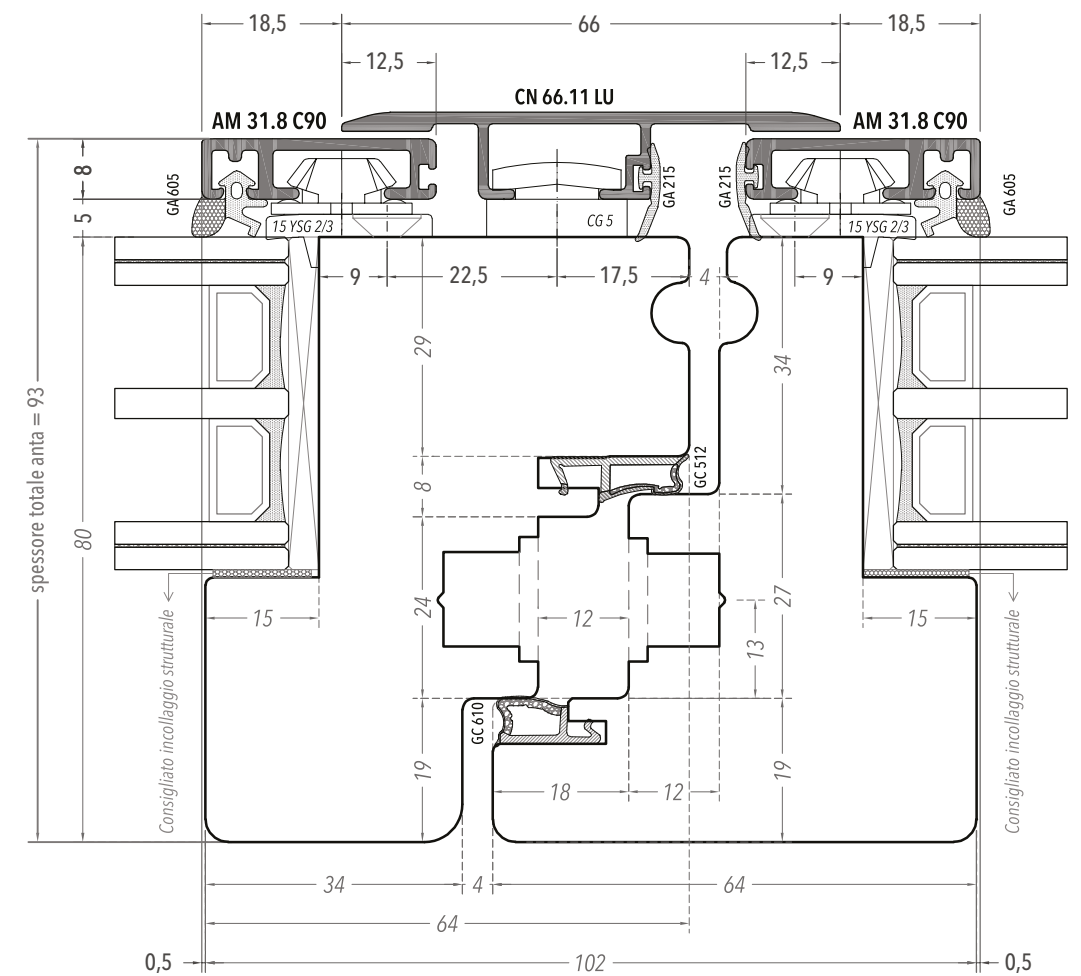
FINESTRA

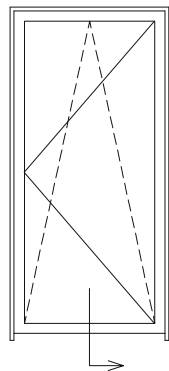
SEZIONE ORIZZONTALE
NODO LATERALE
SCALA 1:1



FINESTRA

SEZIONE ORIZZONTALE
NODO CENTRALE
SCALA 1:1

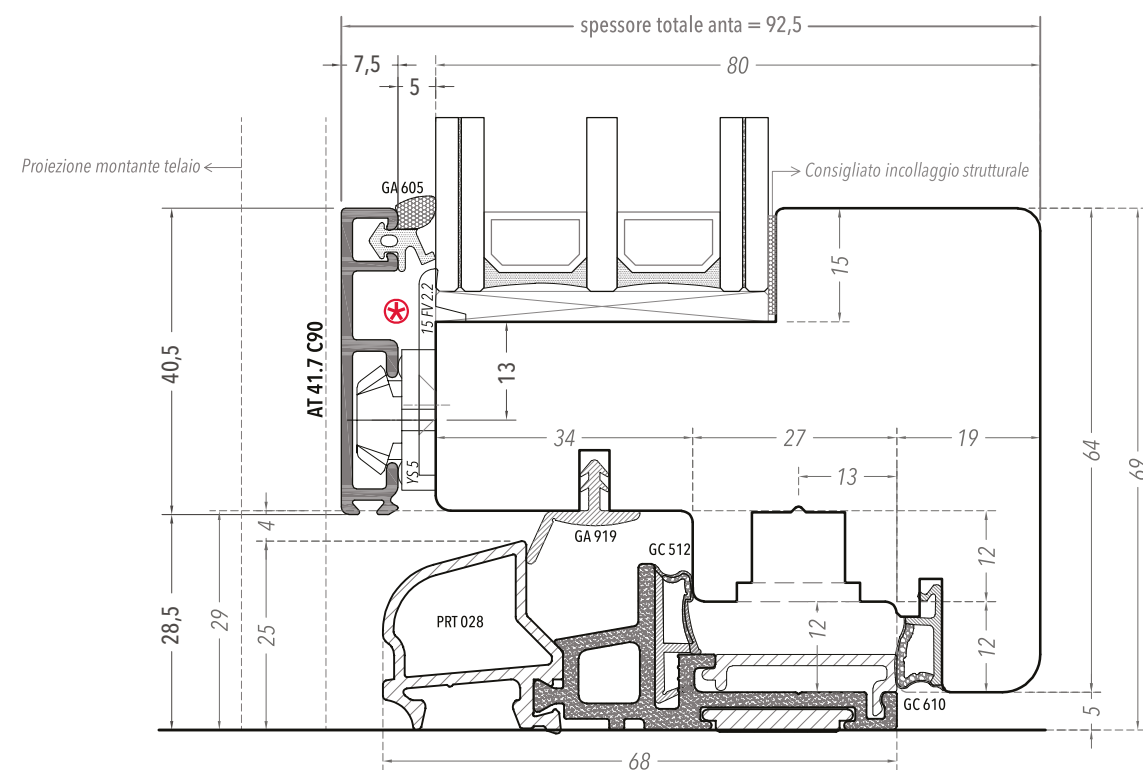
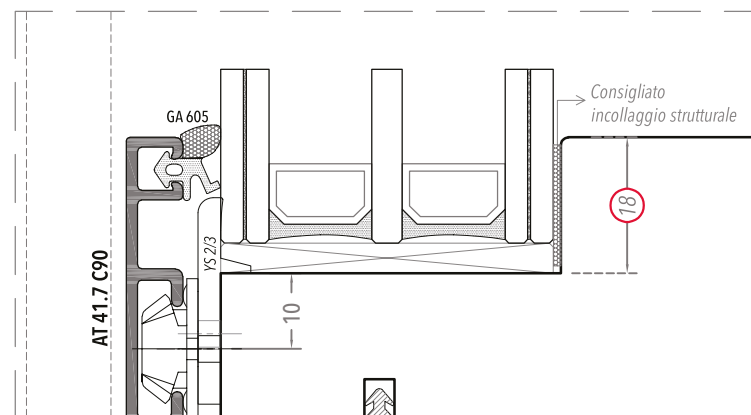




PORTAFINESTRA

SEZIONE VERTICALE
NODO INFERIORE
SCALA 1:1

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

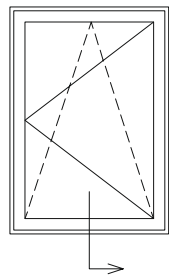


⊗ Alternare una basetta fermavetro auto-posizionante 15FV 2.2 a una clip a scatto YS 5.

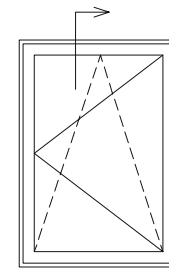


Spessore telaio 86 mm
Spessore anta 80 mm

Ekotech Slim

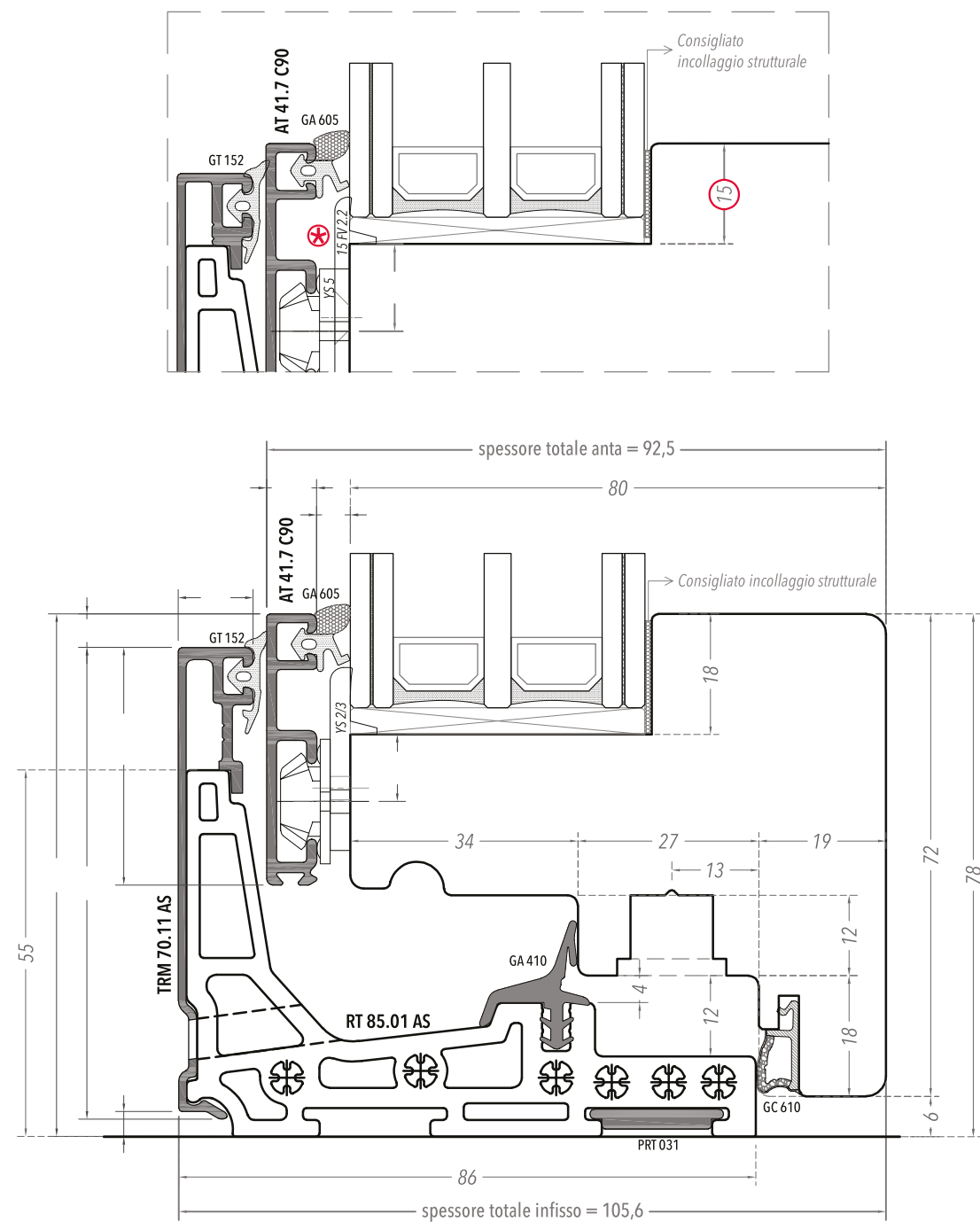
**FINESTRA**

SEZIONE VERTICALE
NODO INFERIORE
SCALA 1:1

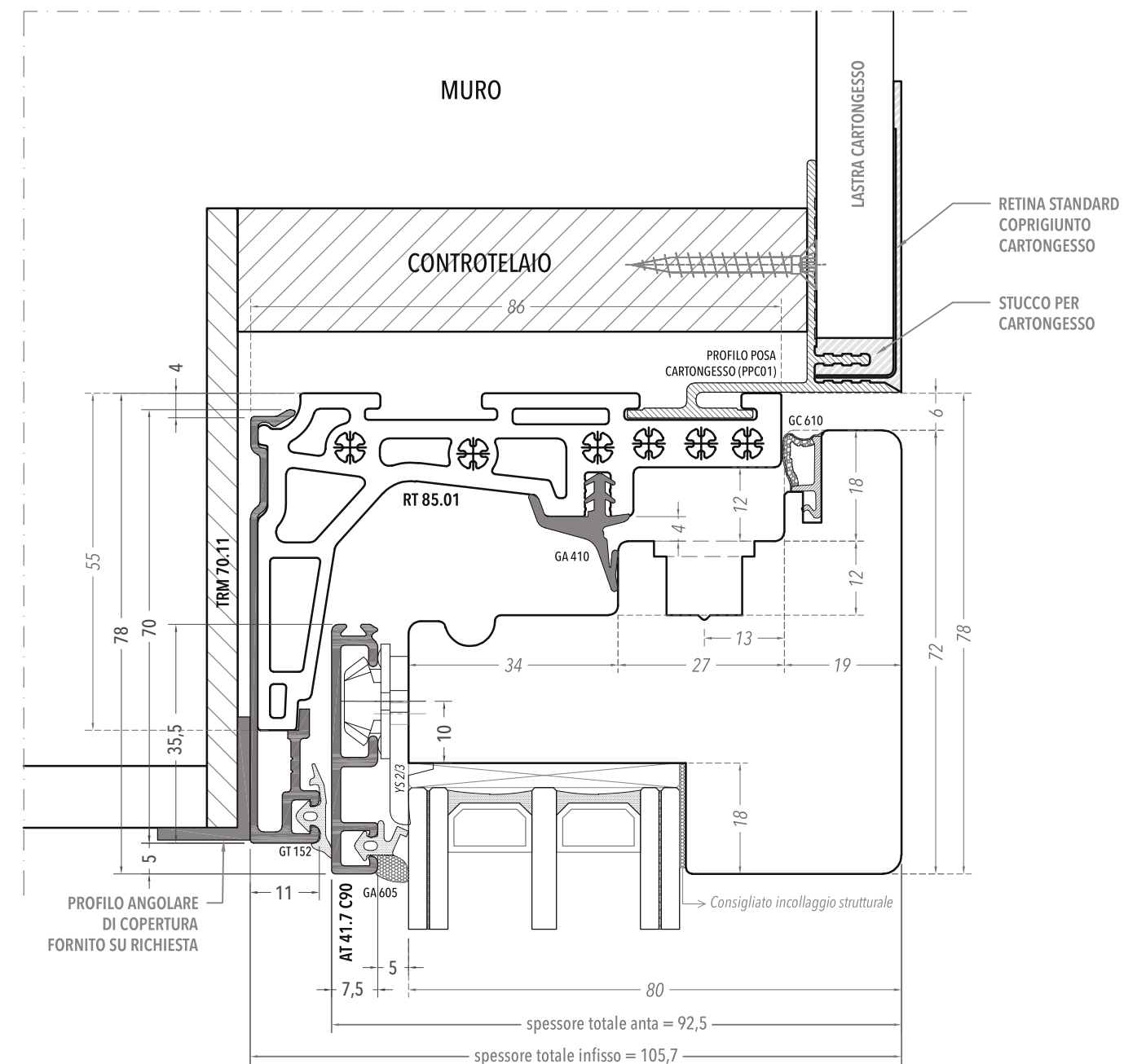
**FINESTRA**

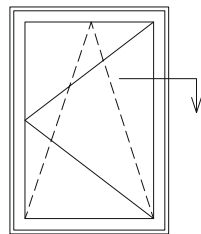
SEZIONE VERTICALE
NODO SUPERIORE
SCALA 1:1

Variante con battuta vetro da 15mm

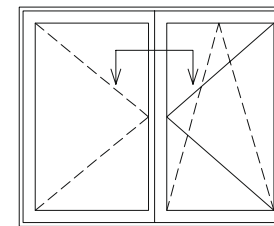
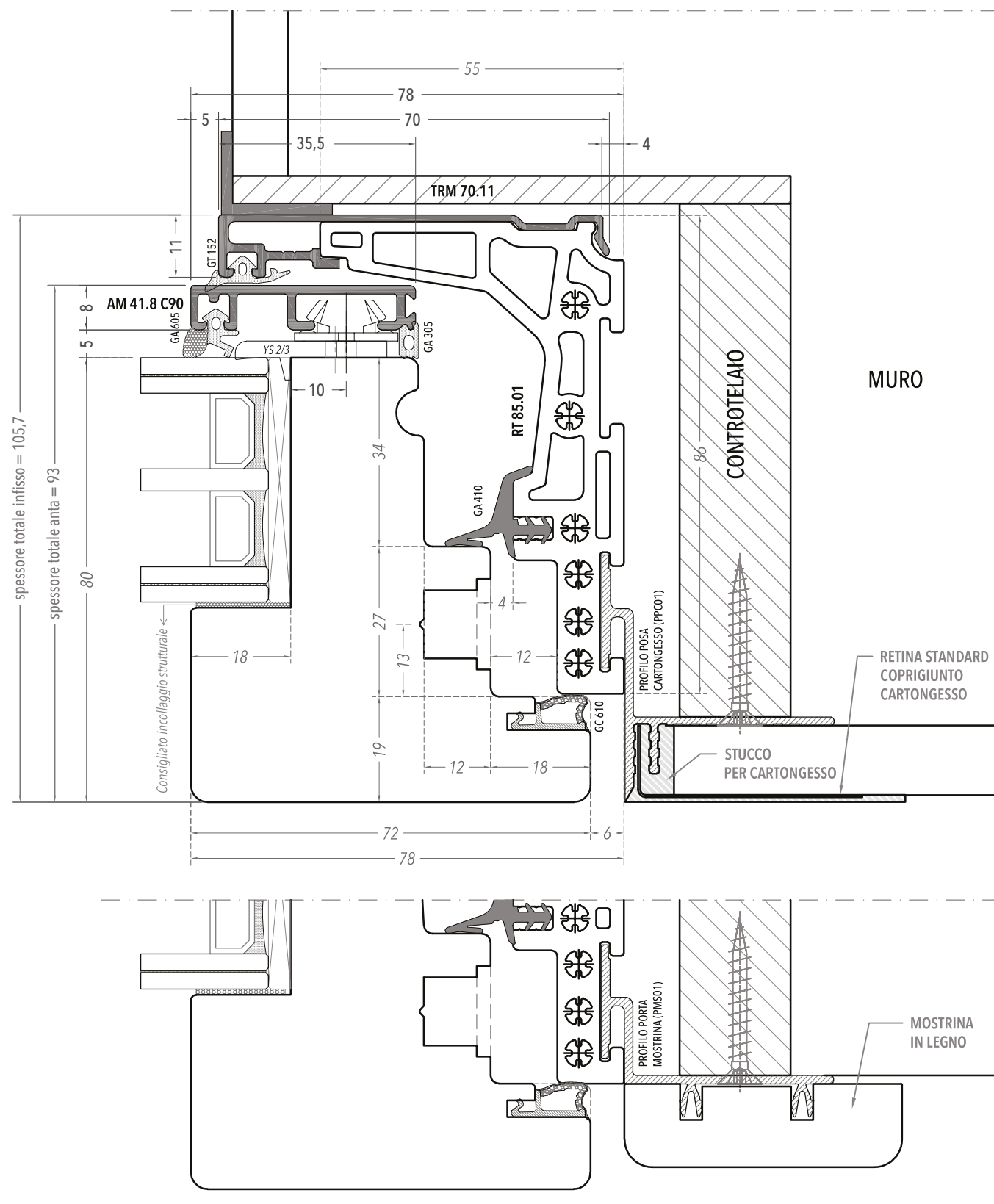


⚠ Alternare una basetta fermavetro auto-posizionante 15FV 2.2 a una clip a scatto YS 5.

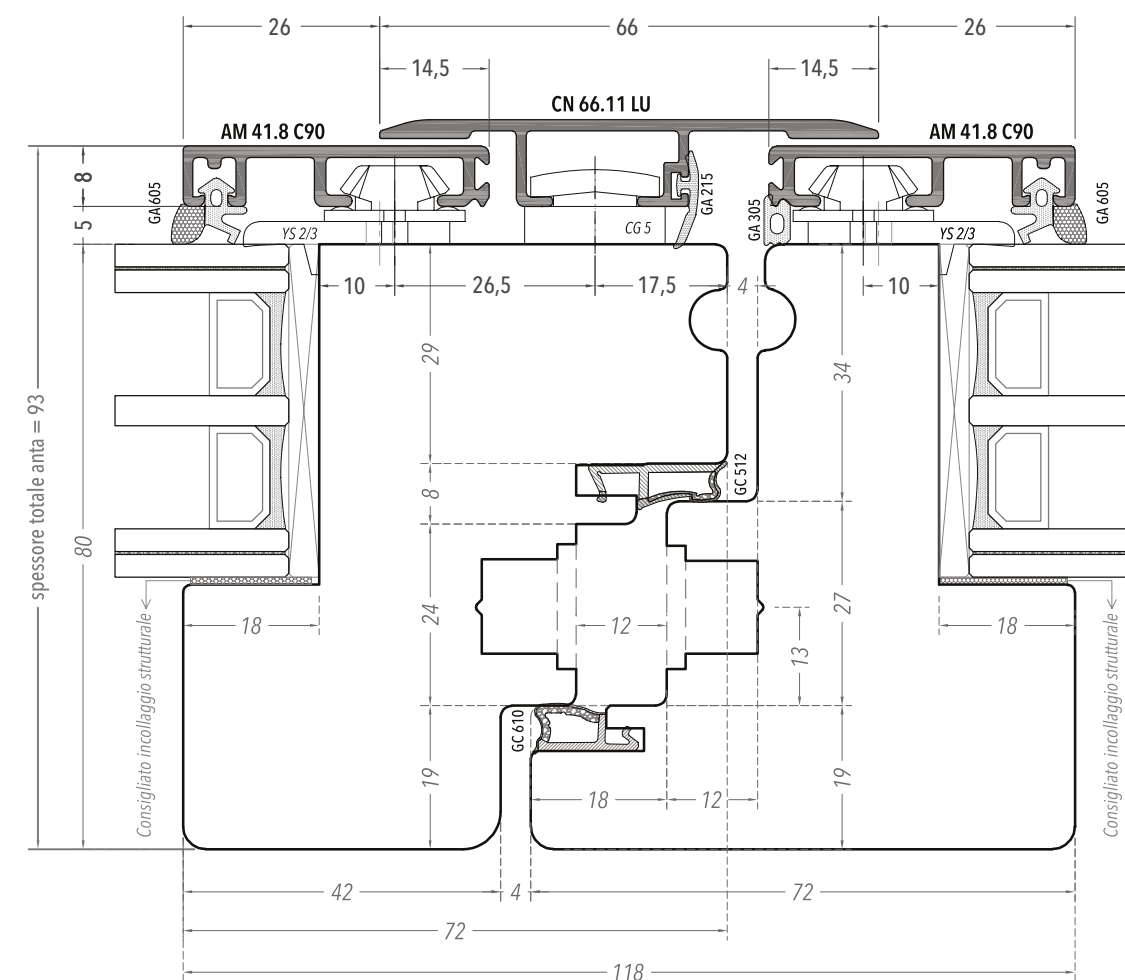


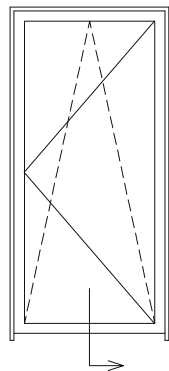
**FINESTRA**

SEZIONE ORIZZONTALE
NODO LATERALE
SCALA 1:1

**FINESTRA**

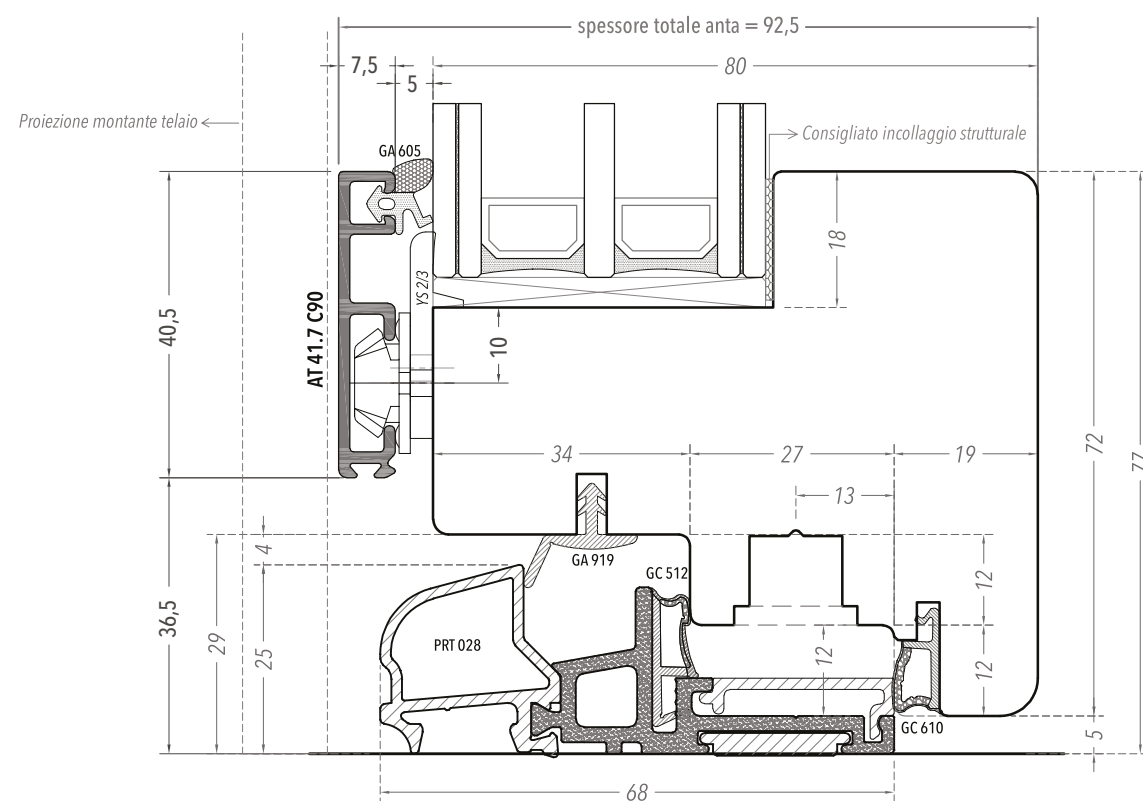
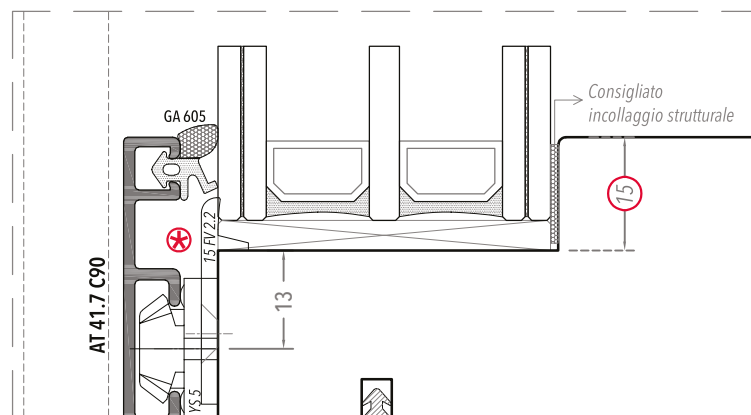
SEZIONE ORIZZONTALE
NODO CENTRALE
SCALA 1:1



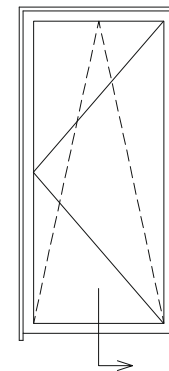


PORTAFINESTRA

SEZIONE VERTICALE
NODO INFERIORE
SCALA 1:1

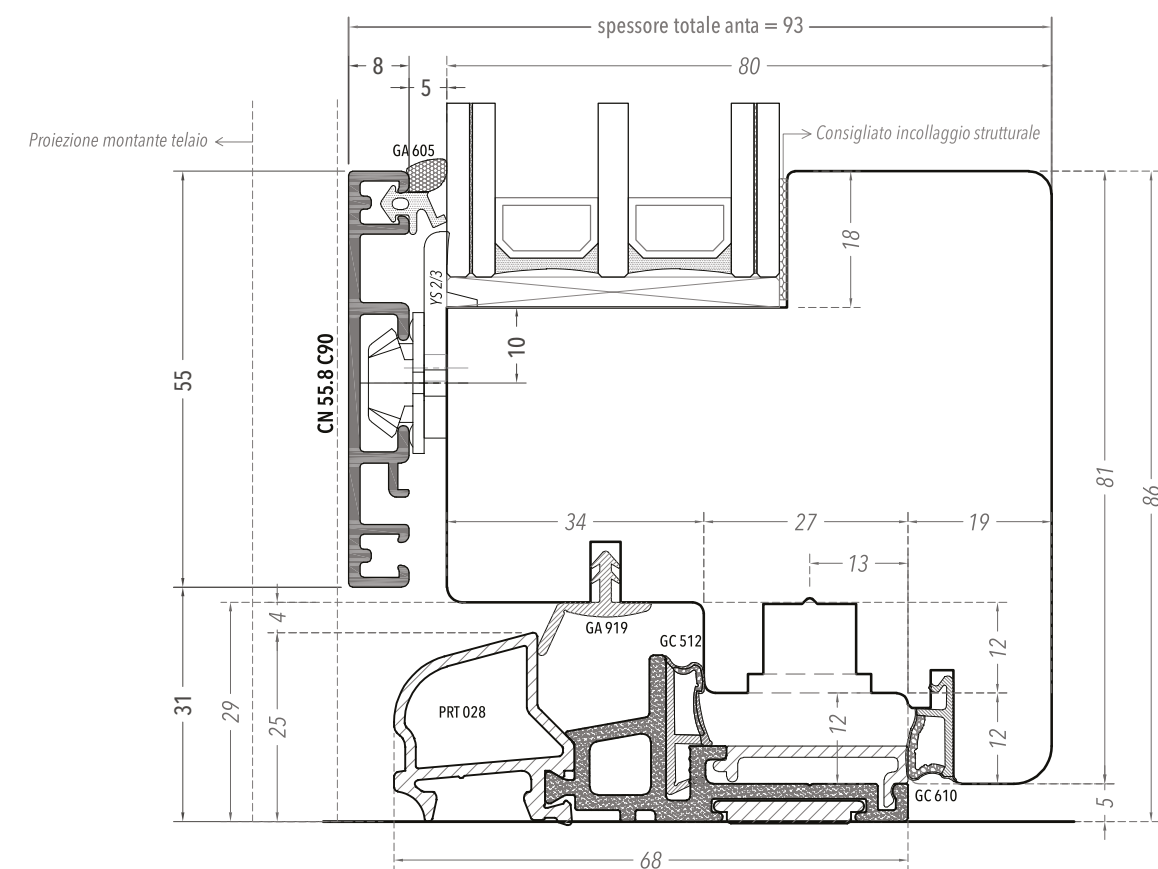
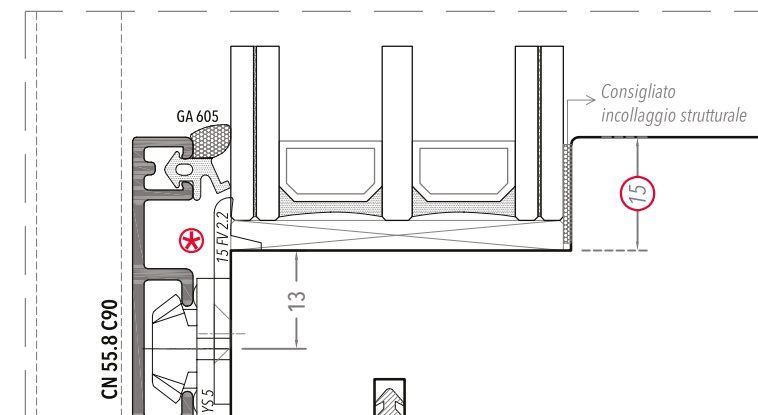


⊗ Alternare una basetta fermavetro auto-posizionante 15FV 2.2 a una clip a scatto YS 5.



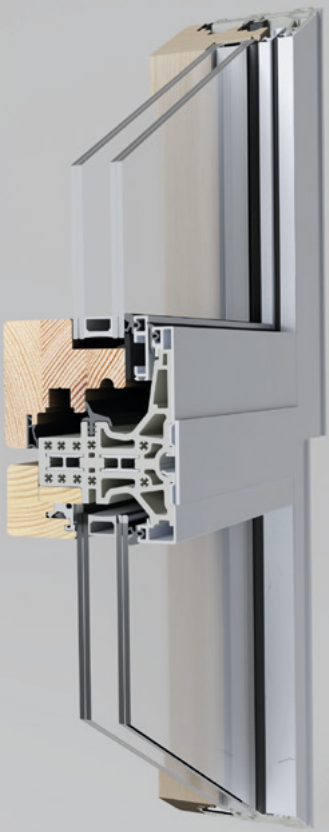
PORTAFINESTRA

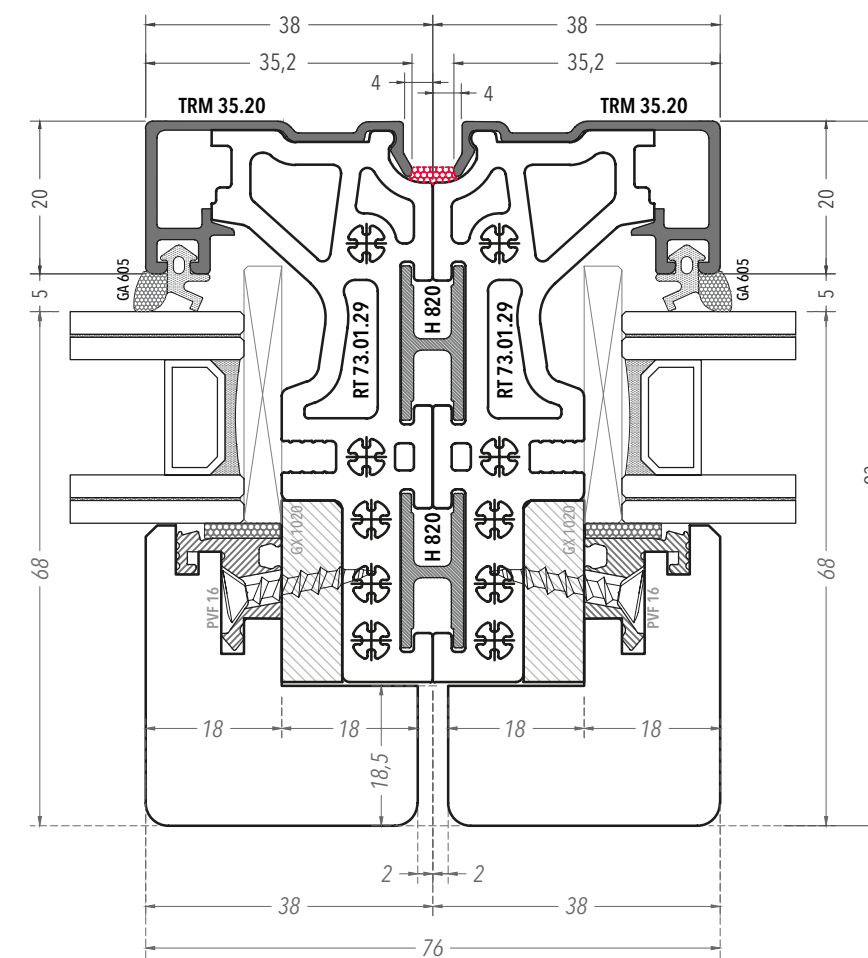
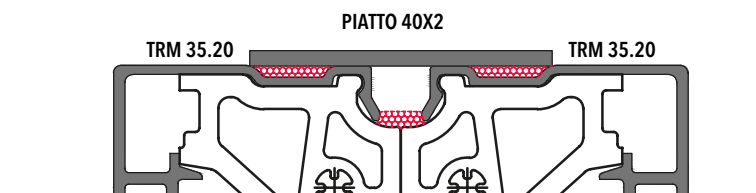
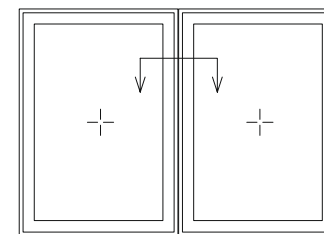
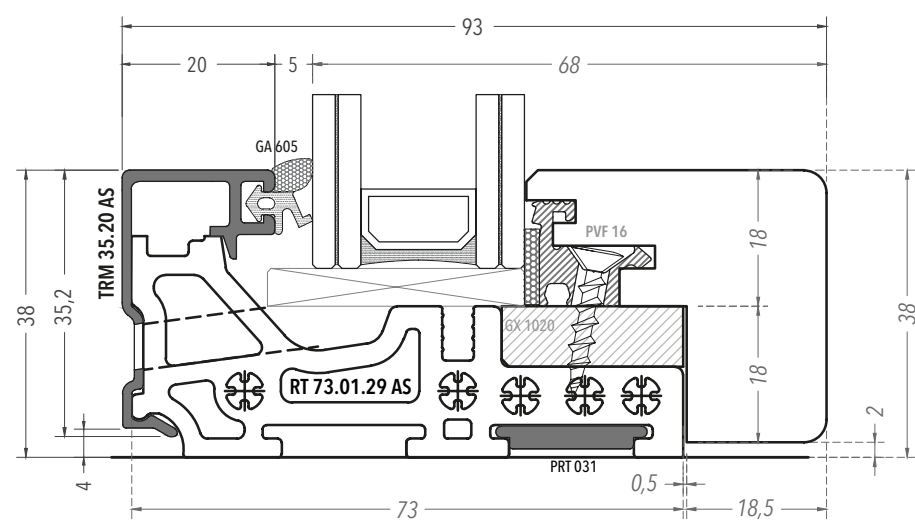
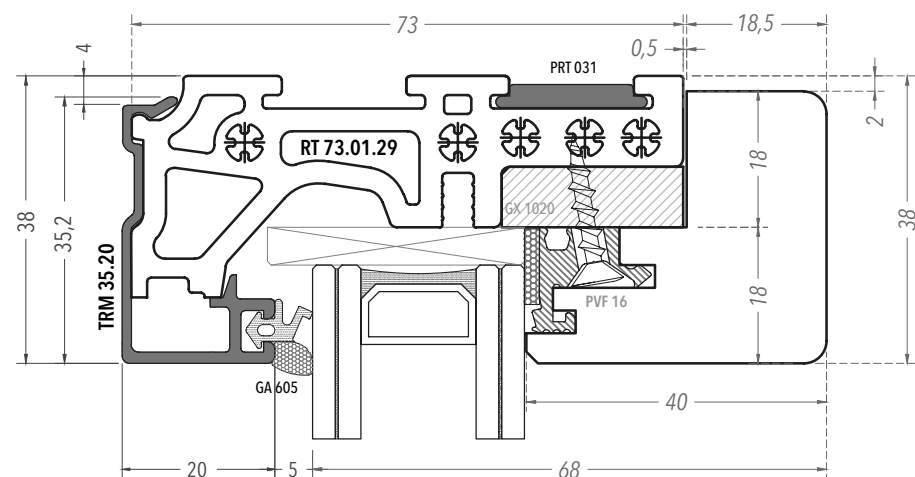
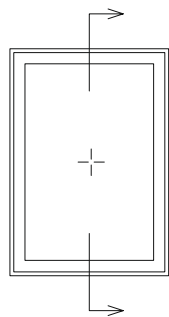
SEZIONE VERTICALE
NODO INFERIORE
SCALA 1:1



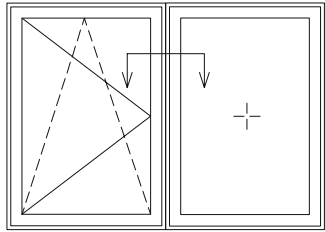
⊗ Alternare una basetta fermavetro auto-posizionante 15FV 2.2 a una clip a scatto YS 5.

FISSI E ABBINAMENTI

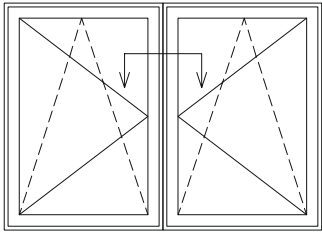




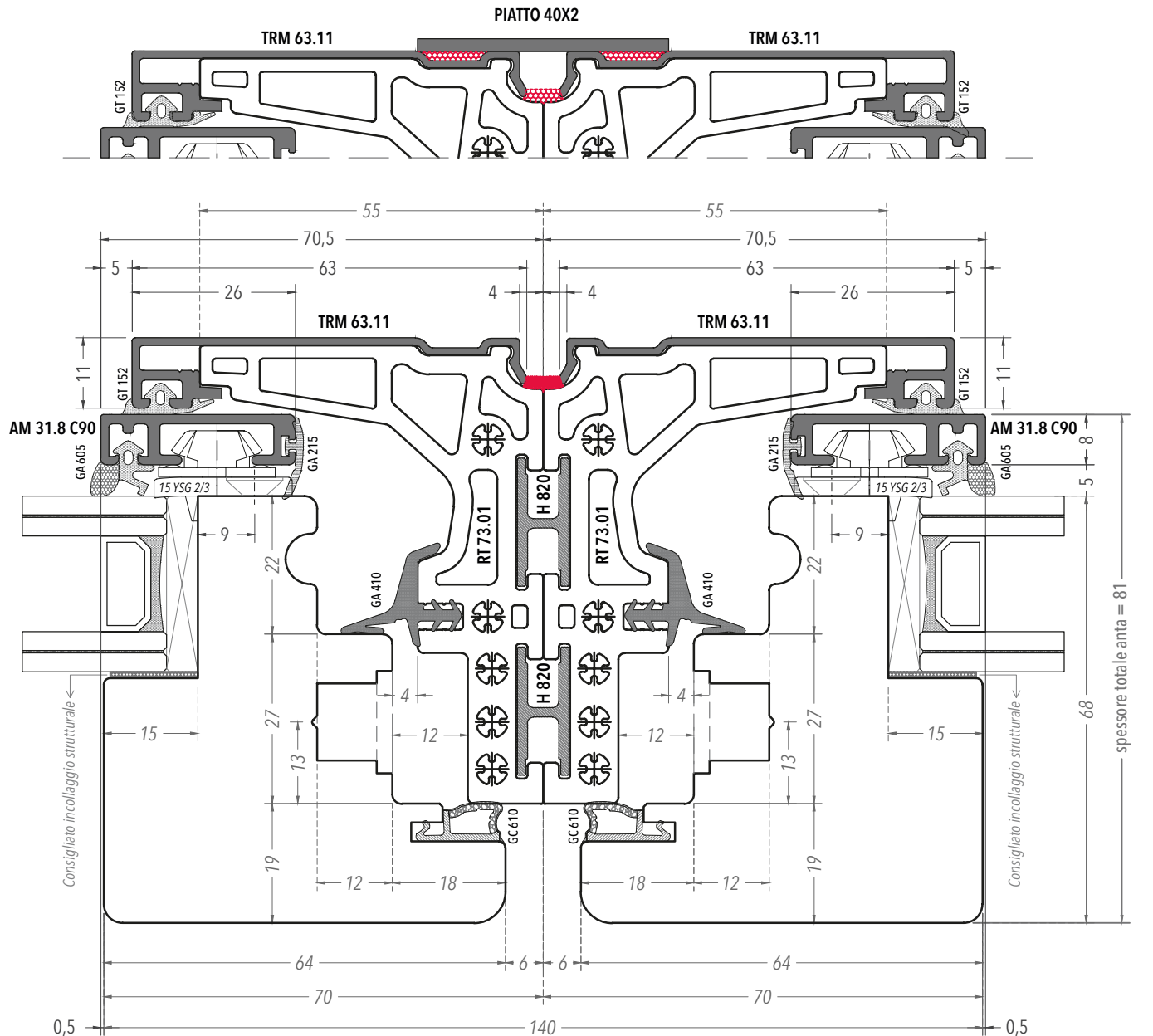
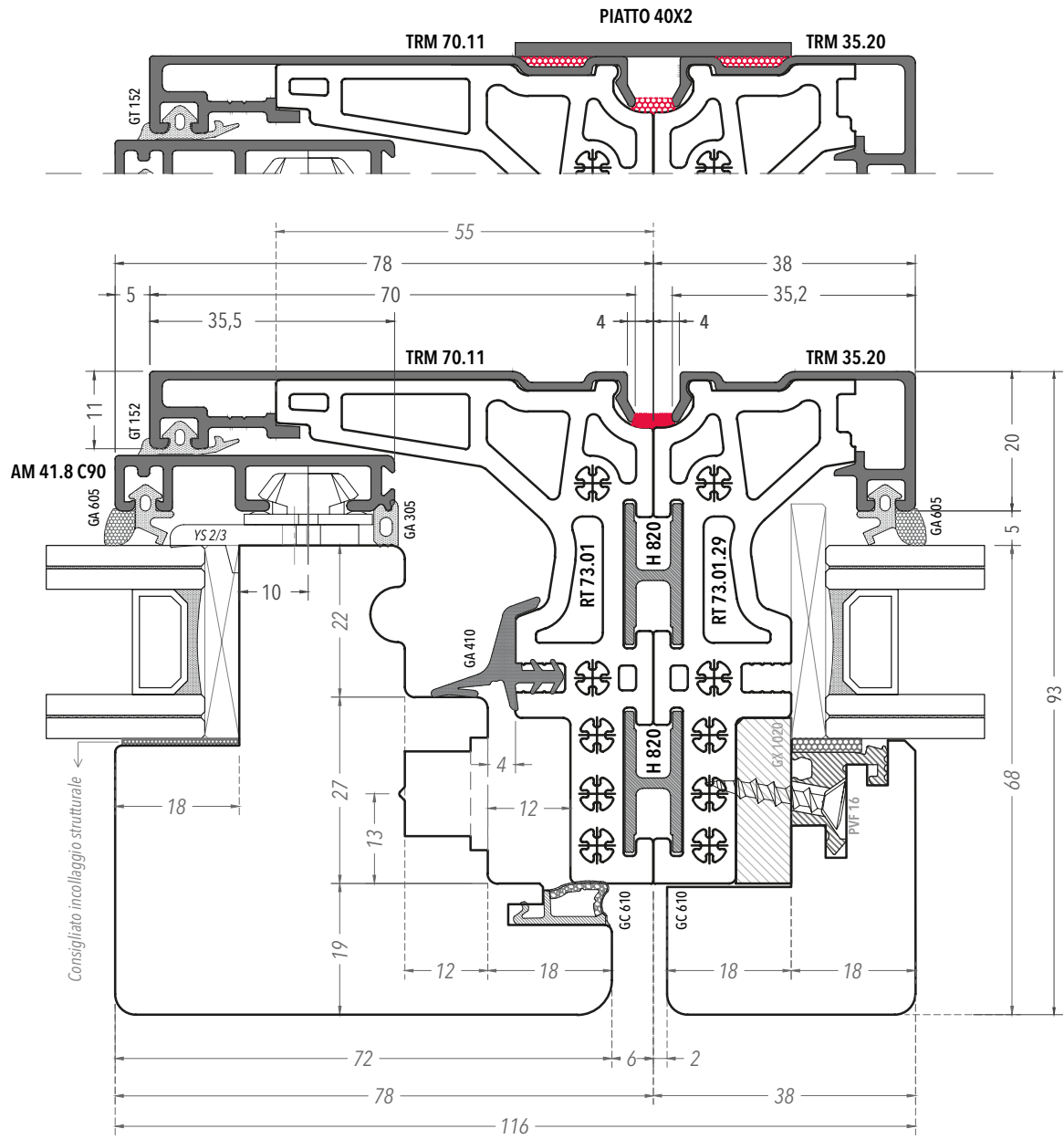
 Siliconatura.



VERSIONE SLIM

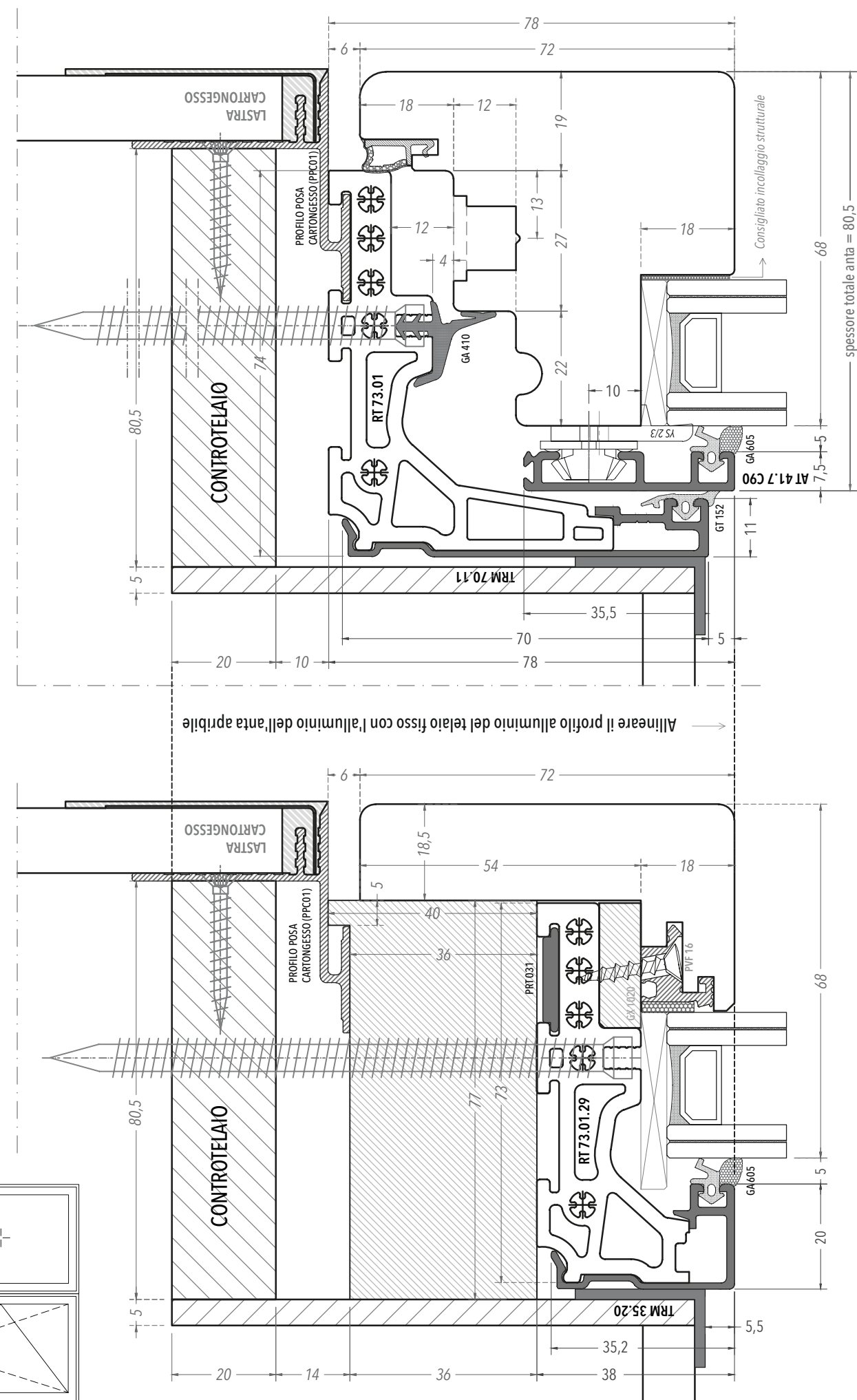
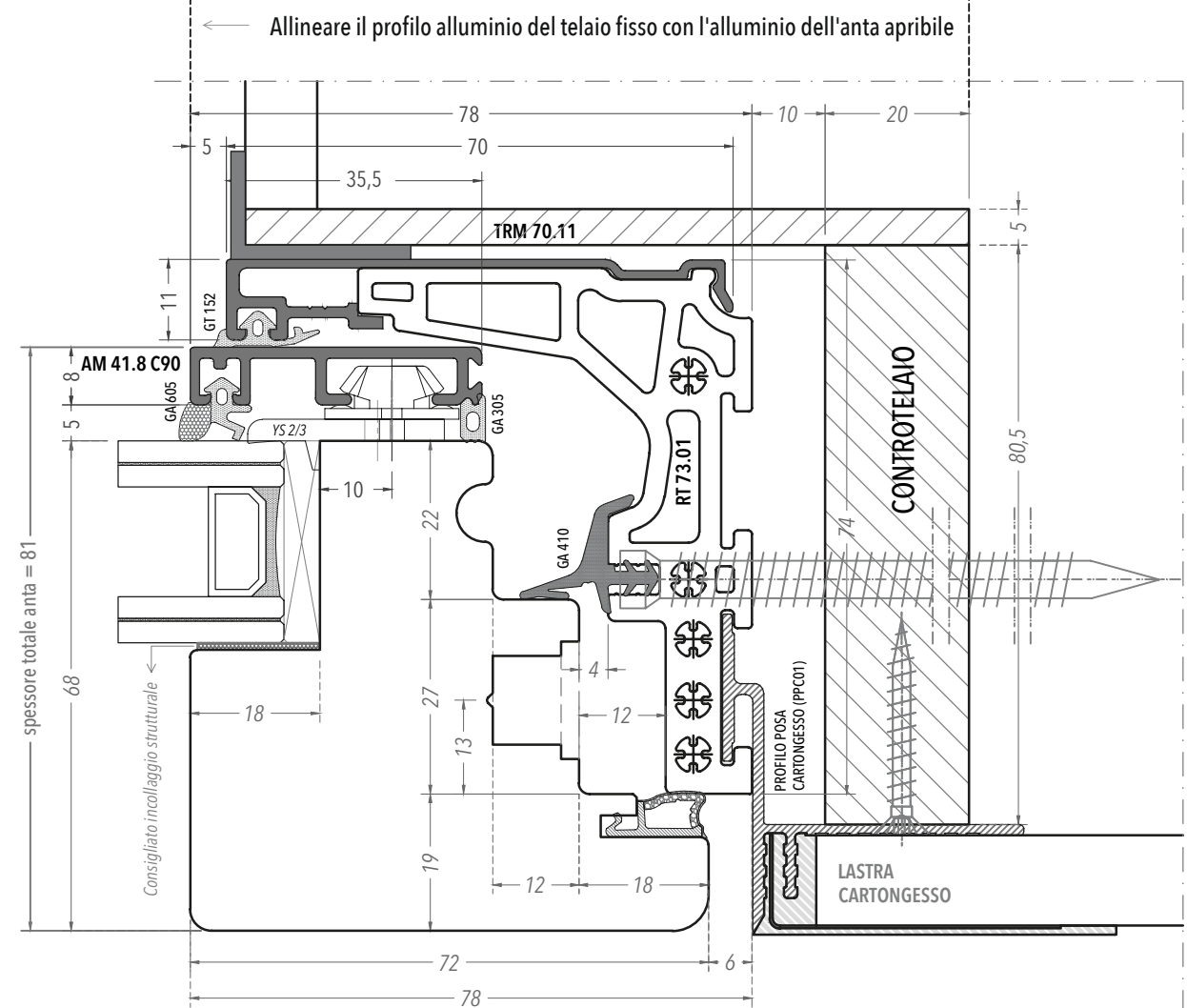


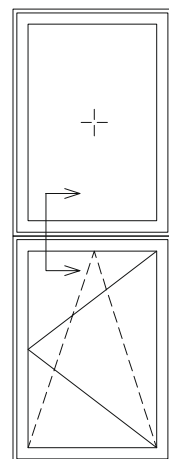
VERSIONE GRACE



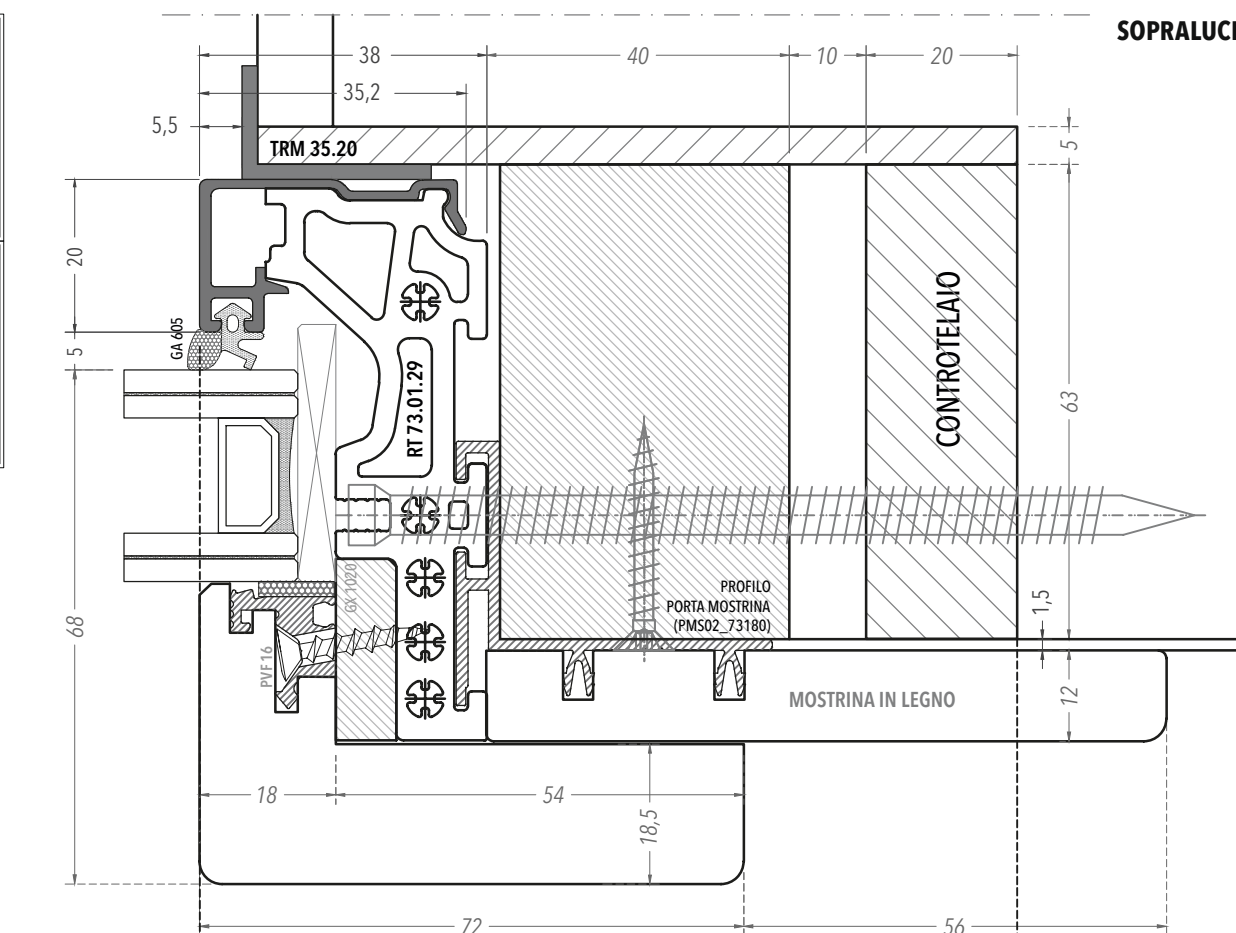
 Siliconatura.

 Siliconatura.

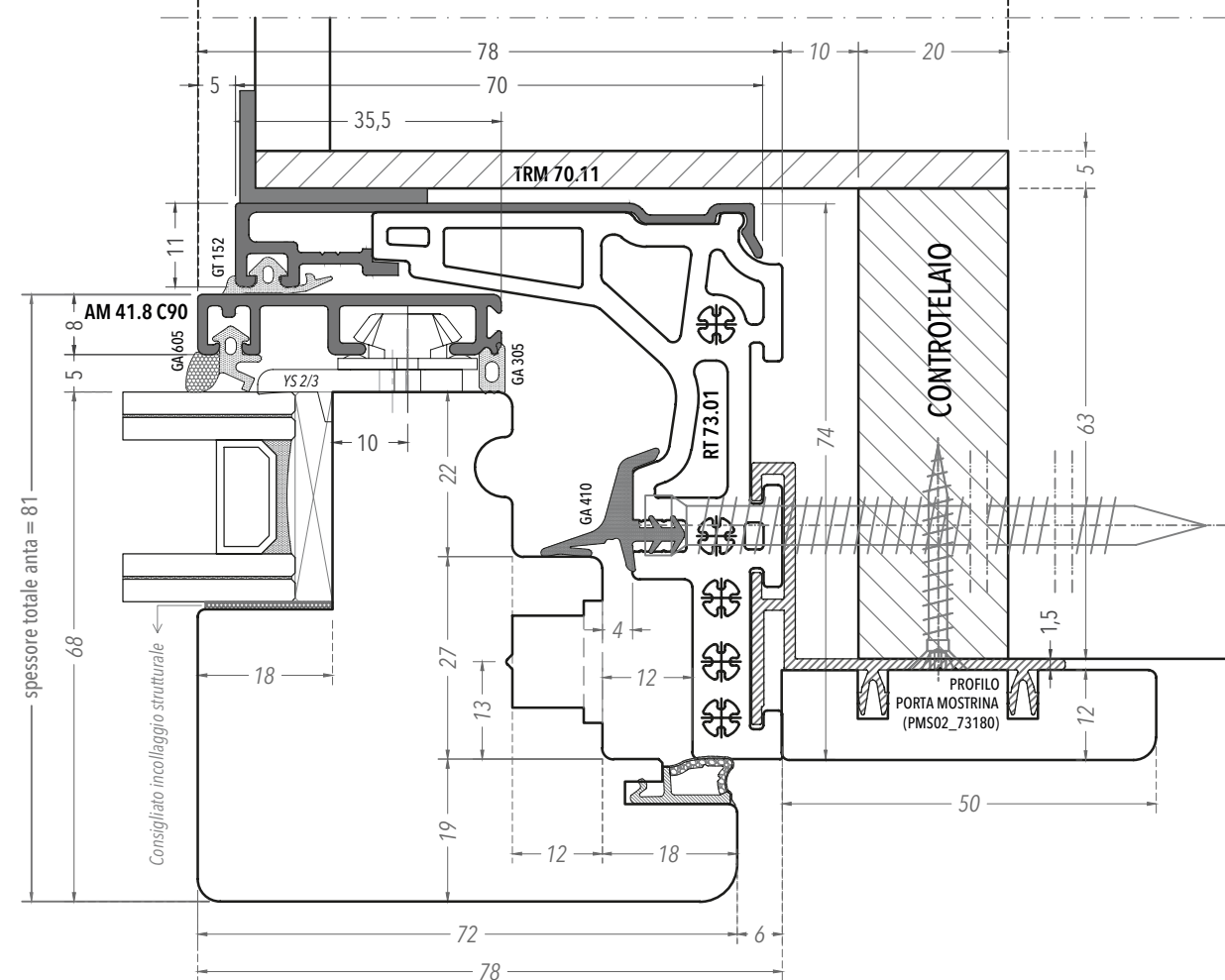




SOPRALUCE



← Allineare il profilo alluminio del telaio fisso con l'alluminio dell'anta apribile



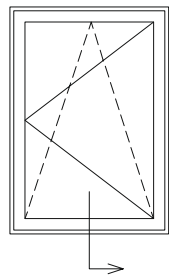
spessore totale anta = 81

Consigliato incollaggio strutturale



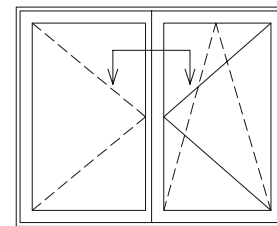
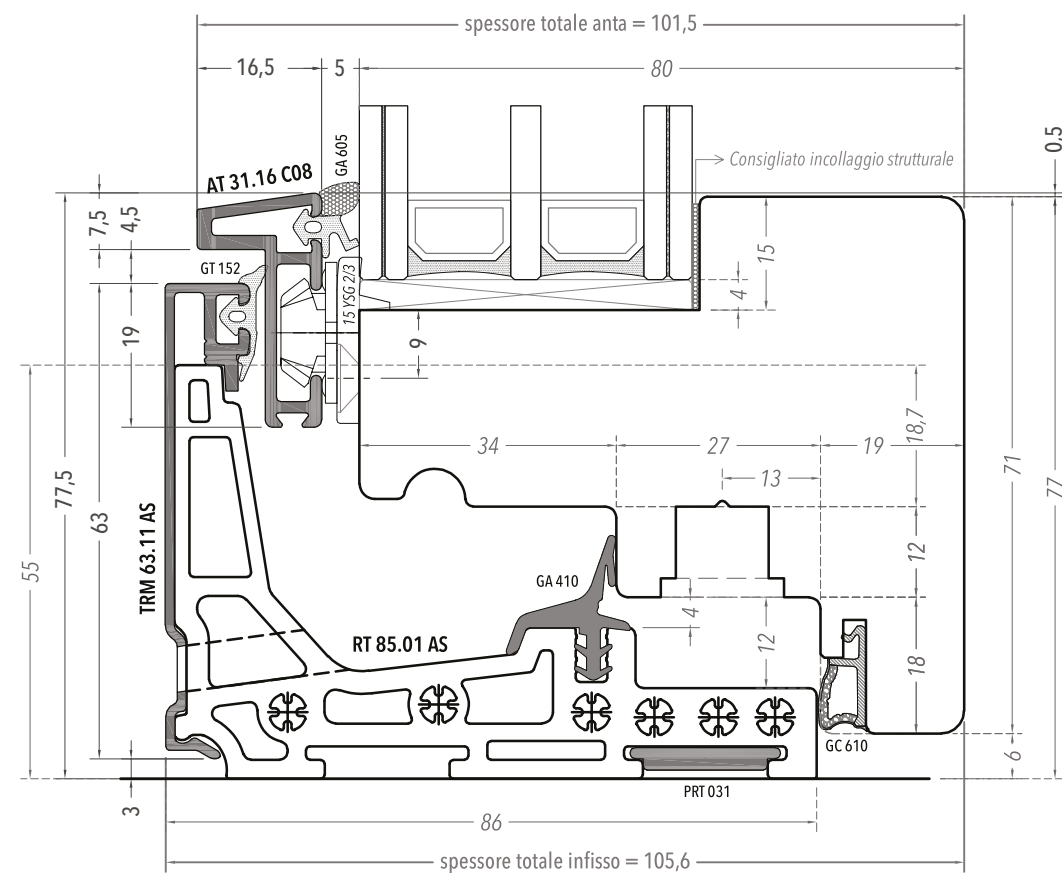
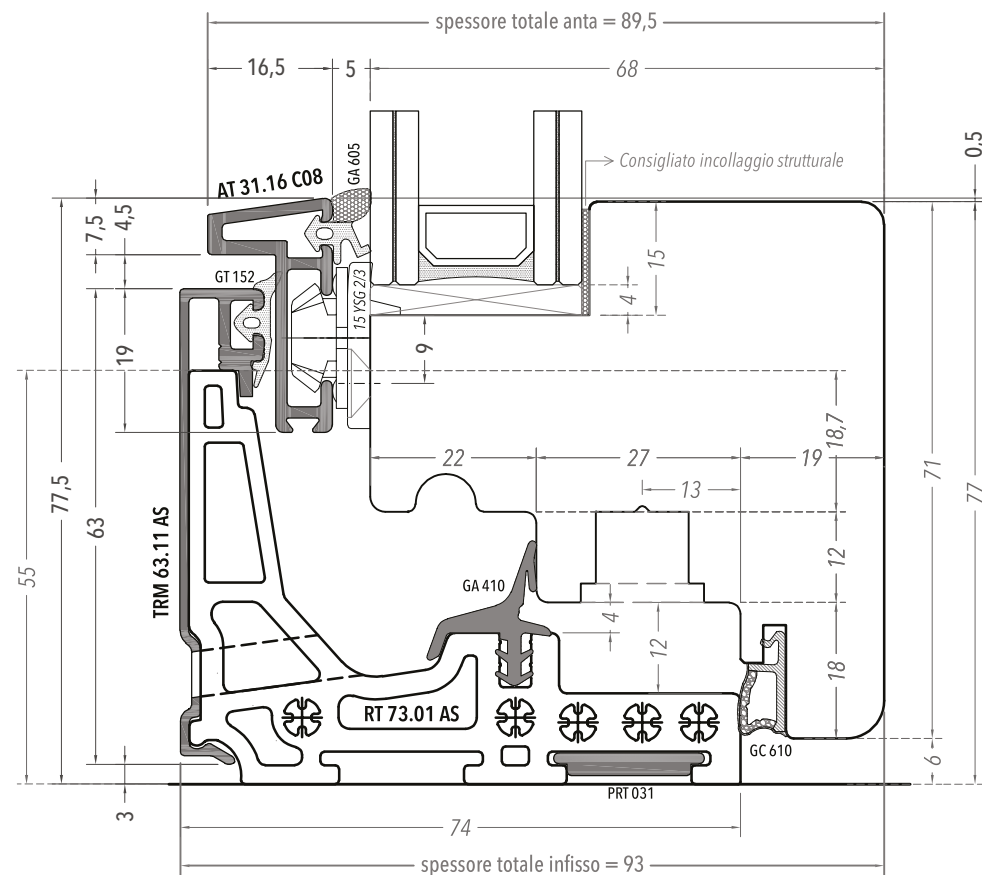
Spessore telaio 74/86 mm
Spessore anta 68/80 mm

ORIZON Ekotech



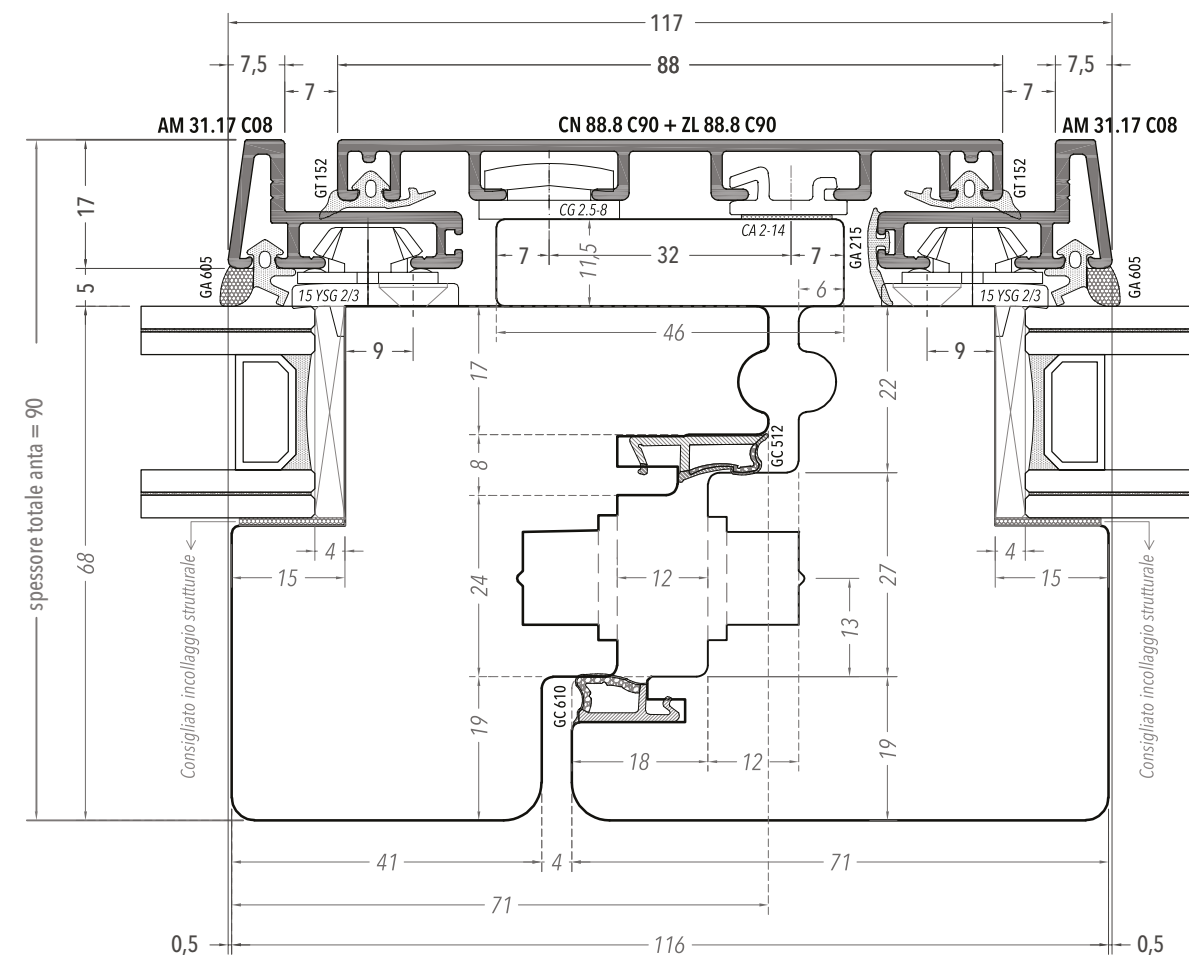
FINESTRA

SEZIONE VERTICALE
NODO INFERIORE
SCALA 1:1



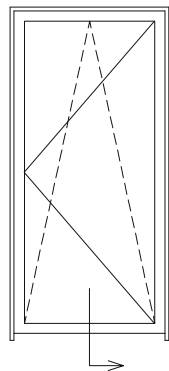
FINESTRA

SEZIONE ORIZZONTALE
NODO CENTRALE
SCALA 1:1



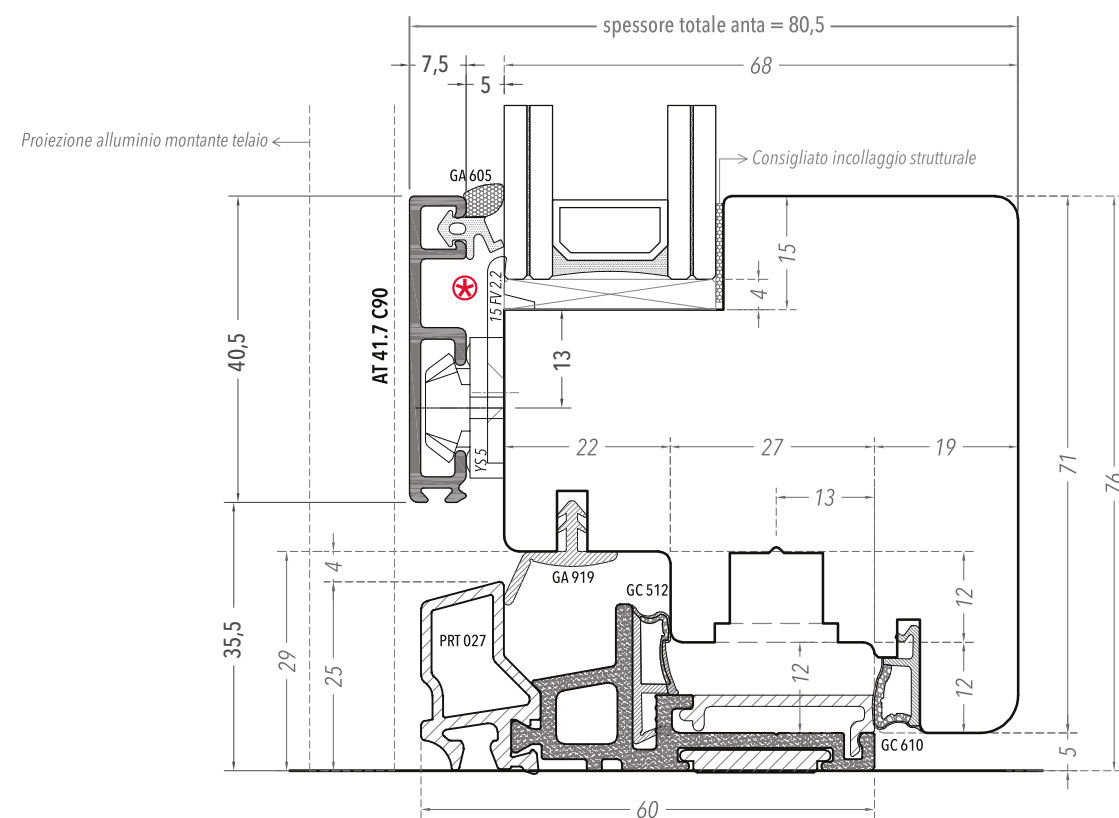
SOLUZIONE
SPESSORE ANTA 68

SOLUZIONE
SPESSORE ANTA 80



PORTAFINESTRA

SEZIONE VERTICALE
NODO INFERIORE
SCALA 1:1



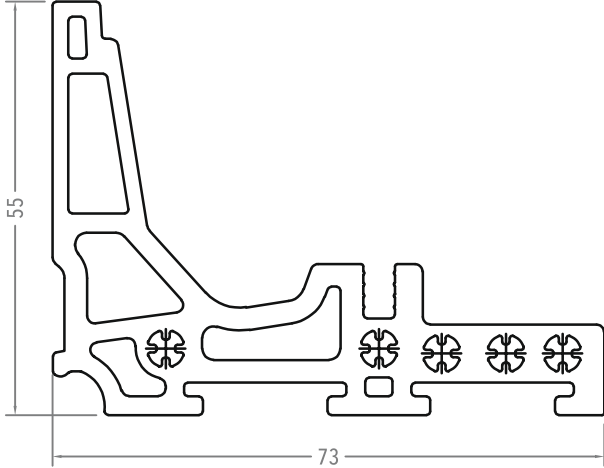
⊗ Alternare una basetta fermavetro auto-posizionante 15FV 2.2 a una clip a scatto YS 5.

EKOTECH RIEPILOGO

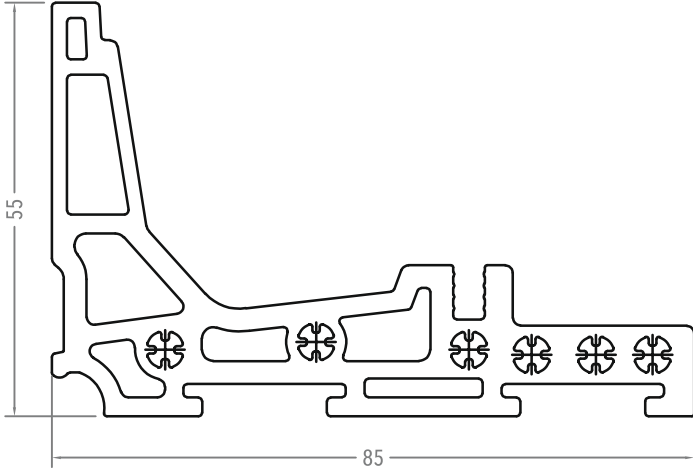
PROFILI ANTA E TELAIO
PROFILI SOGLIA E ACCESSORI
PROFILI DI POSA
ACCESSORI

RIEPILOGO

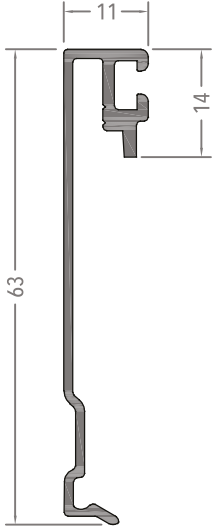
RT 73.01



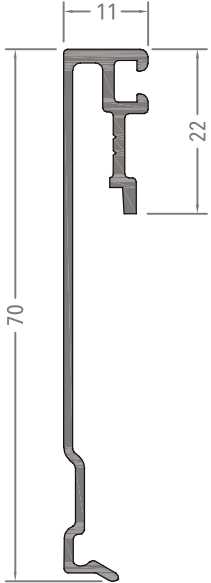
RT 85.01



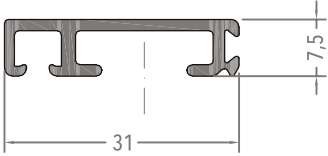
TRM 63.11



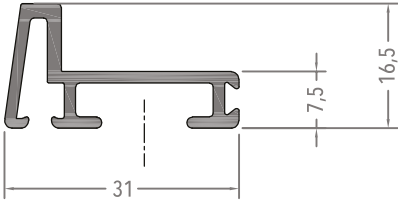
TRM 70.11



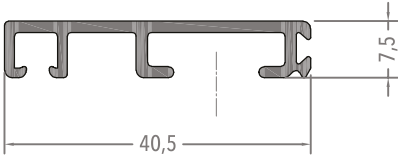
AT 31.7 C90



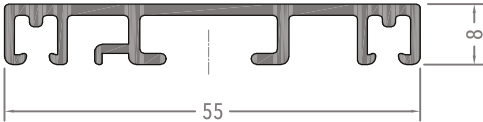
AT 31.16 C08



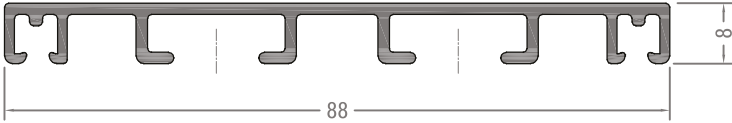
AT 41.7 C90



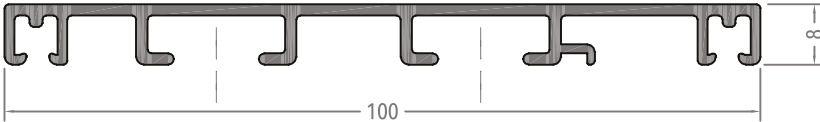
CN 55.8 C90



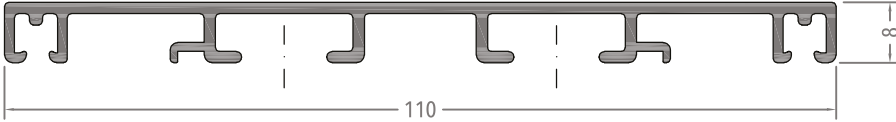
CN 88.8 C90



CN 100.8 C90



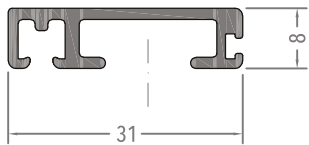
CN 110.8 C90



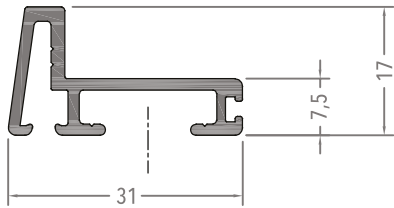
PROFILI ANTA

MONTANTI

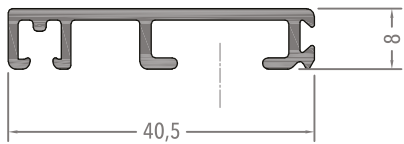
AM 31.8 C90



AM 31.17 C08



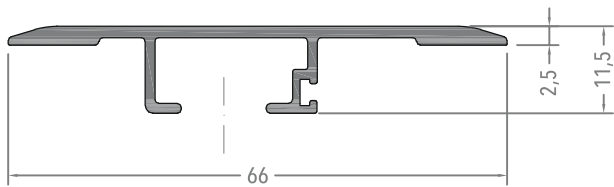
AM 41.8 C90



PROFILI ANTA

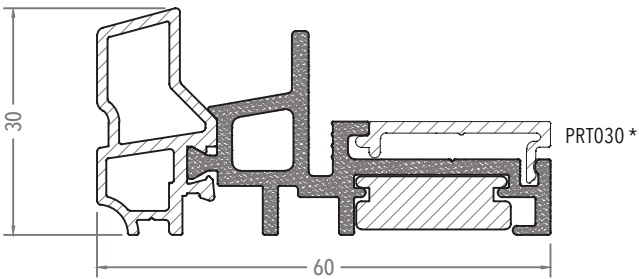
FASCETTA CENTRALE

CN 66.11 LU

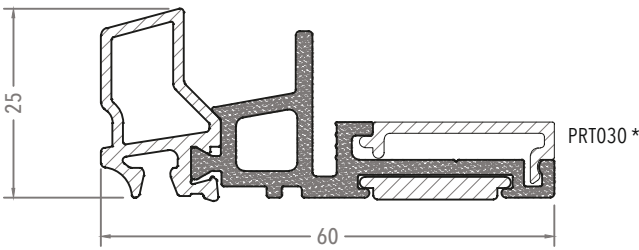


PROFILI SOGLIA

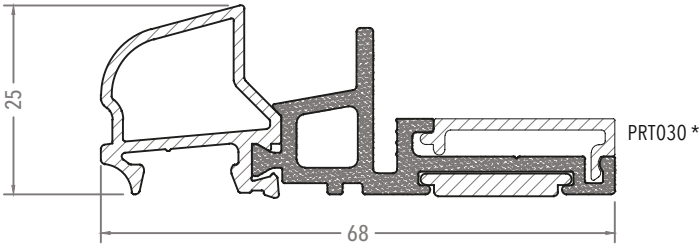
PRT 026



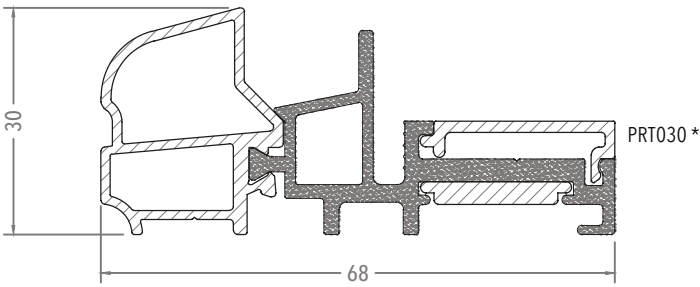
PRT 027



PRT 028



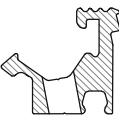
PRT 029



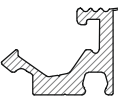
PROFILI ACCESSORI

FERMAVETRO

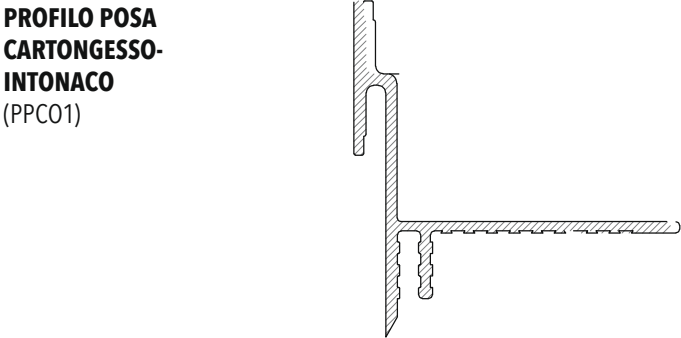
PFV 1614



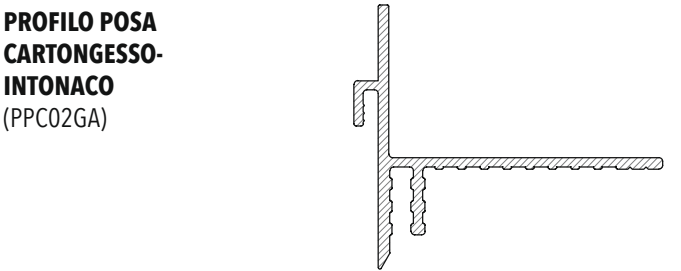
PFV 1214



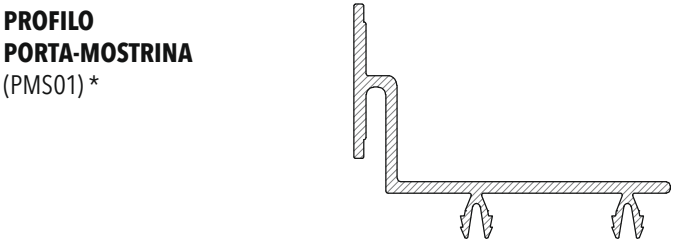
Le soglie verranno fornite nel kit del telaio, tagliate a misura.
* L'articolo PRT030 è acquistabile separatamente.



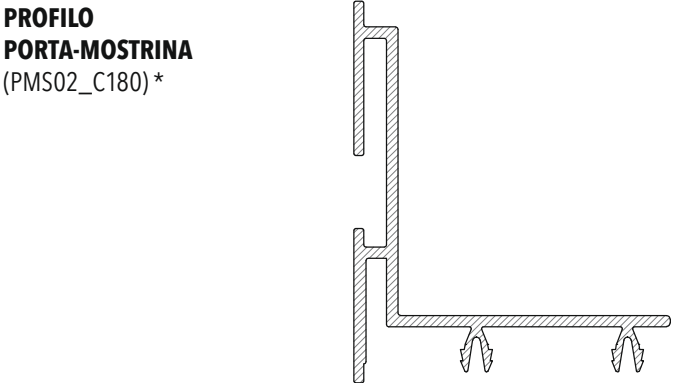
PROFILO POSA
CARTONGESSO-
INTONACO
(PPC01)



PROFILO POSA
CARTONGESSO-
INTONACO
(PPC02GA)



PROFILO
PORTA-MOSTRINA
(PMS01) *

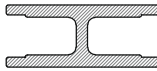


PROFILO
PORTA-MOSTRINA
(PMS02_C180) *

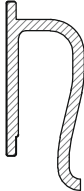
PRT 031



H 820

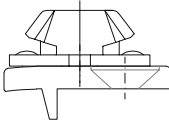


PROFILO
PORTA-MOSTRINA
(PMS03) *

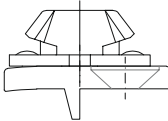


* I profili di posa PMS possono essere rifilati in base alle esigenze specifiche del cantiere.

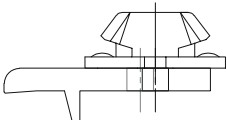
15YSG 2/3
Clip a scatto 5 mm
auto-posizionante



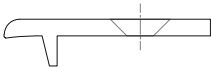
18YSG 2/3
Clip a scatto 5 mm
auto-posizionante



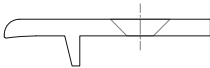
YS 2/3
Clip a scatto 5 mm
auto-posizionante



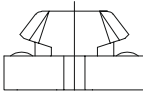
15 FV 2.2
Basetta reggivetrol



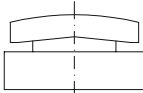
18 FV 2.2
Basetta reggivetrol



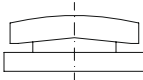
YS 5
Clip a scatto 5 mm



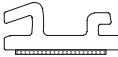
CG 5
Clip girevole 5 mm



CG 2.5-8
Clip girevole 2,5 mm



CA 2-14
Clip a scatto 2,5 mm



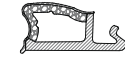
GA 410
Guarnizione in TPE



GA 605
Guarnizione anta sp. 5mm
co-estrusa in EPDM



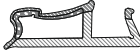
GC 610
Guarnizione tri-estrusa
in TPE



GA 215
Guarnizione copri-clip in TPE
(disponibile bianca o nera)



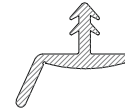
GC 512
Guarnizione tri-estrusa
in TPE



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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