



INFISSI DI QUALITA'

www.falegno.com





Falegno Group è un'azienda leader nel settore dei serramenti che nasce nel 1998 e da sempre realizza infissi a basso impatto ambientale con un elevato contenuto tecnologico a prezzi concorrenziali.

Grazie alla capacità imprenditoriale di Antonio e alla sua passione per il legno, l'Azienda si distingue sin da subito per l'attenzione che pone all'innovazione, alla ricerca e allo sviluppo di prodotto capace di soddisfare un mercato sempre più esigente e competitivo.

Nel corso degli anni, l'impegno e la cura si traducono in esclusivi brevetti depositati che rendono il prodotto FALEGNO sempre più esclusivo in tutte le sue fasi, dalla progettazione alla realizzazione, inclusa la distribuzione. Oggi il canale web permette al prodotto di essere distribuito in tutto il mondo.



Una fitta rete di Partner di FALEGNO GROUP specializzati e presenti in diverse parti del mondo apportano le competenze specifiche nel processo di produzione degli infissi e si contraddistinguono per qualità, flessibilità e competenza per qualsiasi esigenza.

Le finestre in legno che possono essere realizzate in pino, meranti o quercia, rappresentano la scelta migliore per coloro che apprezzano la bellezza del legno, che amano gli interni luminosi e spaziosi e rappresentano una parte essenziale di un arredamento accogliente che varia dallo stile classico a quello moderno.

Il controllo di ogni lavorazione che parte con la selezione dei fusti di legno e arriva all'estrusione di componentistiche in metallo, vetro e di tenuta, rendono il prodotto di FALEGNO GROUP affidabile e garantito nel tempo.



LINEA PASSIV IMPERIALE

Legno alluminio 142*125

Finestre per case passive

Coprifilo telescopico interno in legno da 70mm

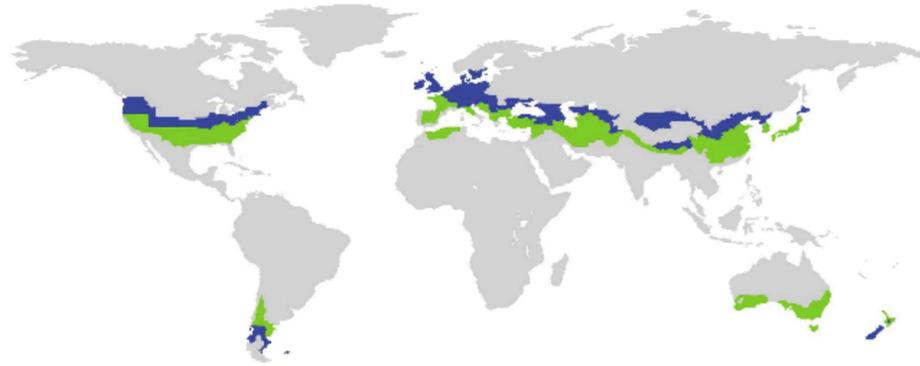
Coprifilo telescopico esterno in alluminio da 48mm

Uw fino a 0,7W/(mqk)

CERTIFICATE

Certified Passive House Component

Passive House Institute
Dr. Wolfgang Feist
64283 Darmstadt
Germany



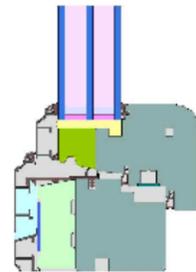
Category: **Window Frame**

Product name: **Imperiale Series**

This certificate was awarded based on the following criteria for the cool, temperate climate zone

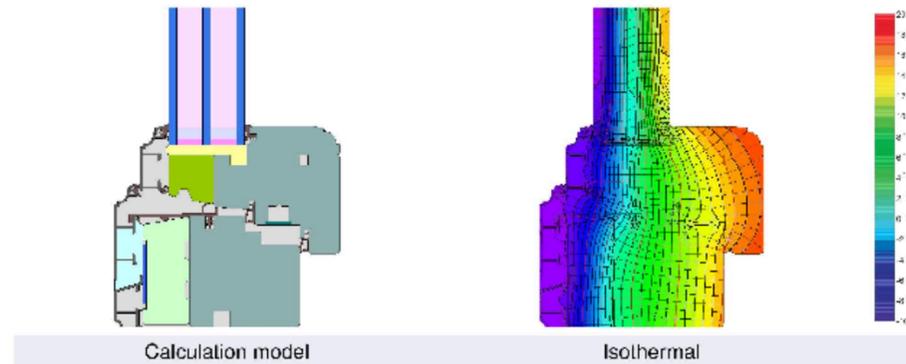
Comfort $U_W = 0.79 \leq 0.80 \text{ W}/(\text{m}^2 \cdot \text{K})$
 $U_{W, \text{installed}} \leq 0.85 \text{ W}/(\text{m}^2 \cdot \text{K})$
 with $U_g = 0.70 \text{ W}/(\text{m}^2 \cdot \text{K})$

Hygiene $f_{Hsi=0.25} \geq 0.70$



Passive House efficiency class **phE** **phD** **phC** **phB** **phA**

www.passivehouse.com



Description

Timber (0.11 W/mK) - Aluminium profile with pressure resistant insulation (0.059 W/mK) at the sash and XPS-insulation (0.034 W/mK) at the main-frame. Pane thickness: 47 mm (5/16/5/16/5), rebate depth: 15 mm.

Explanation

The window U-values were calculated for the test window size of 1.23 m x 1.48 m with $U_g = 0.70 \text{ W}/(\text{m}^2 \cdot \text{K})$. If a higher quality glazing is used, the window U-values will improve as follows:

Glazing	$U_g =$	0.70	0.64	0.58	0.54	W/(m ² · K)
Window	$U_W =$	0.79	0.75	0.71	0.69	W/(m ² · K)

Transparent building components are classified into efficiency classes depending on the heat losses through the opaque part. The frame U-Values, frame widths, thermal bridges at the glazing edge, and the glazing edge lengths are included in those heat losses. A more detailed report of the calculations performed in the context of certification is available from the manufacturer.

The Passive House Institute has defined international component criteria for seven climate zones. In principle, components which have been certified for climate zones with higher requirements may also be used in climates with less stringent requirements. In a particular climate zone it may make sense to use a component of a higher thermal quality which has been certified for a climate zone with more stringent requirements.

Further information relating to certification can be found on www.passivehouse.com and passipedia.org.

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www.passivehouse.com

Validated installations

Exterior insulation and finishing system	Lightweight timber (operable)	Ventilated facade
$U_{\text{Wall}} = 0.13 \text{ W}/(\text{m}^2 \cdot \text{K})$	$U_{\text{Wall}} = 0.13 \text{ W}/(\text{m}^2 \cdot \text{K})$	$U_{\text{Wall}} = 0.13 \text{ W}/(\text{m}^2 \cdot \text{K})$
Ψ_{install} W/(m · K)	Ψ_{install} W/(m · K)	Ψ_{install} W/(m · K)
Top 0.010	Top 0.020	Top 0.010
Side 0.010	Side 0.020	Side 0.010
Bottom 0.014	Bottom 0.022	Bottom 0.014
$U_{W, \text{installed}} = 0.82 \text{ W}/(\text{m}^2 \cdot \text{K})$	$U_{W, \text{installed}} = 0.85 \text{ W}/(\text{m}^2 \cdot \text{K})$	$U_{W, \text{installed}} = 0.82 \text{ W}/(\text{m}^2 \cdot \text{K})$

Frame values		Frame width b_f mm	U-value frame U_f W/(m ² · K)	Ψ -glazing edge Ψ_g W/(m · K)	Temp. Factor $f_{Tsi=2.25}$ [-]
Mullion 2 casements		182	0.79	0.032	0.70
Bottom		126	0.75	0.032	0.70
Top		126	0.75	0.032	0.70
Lateral		126	0.75	0.032	0.70
		Spacer: SWISSPACER Ultimate		Secondary seal: Polysulfid	

Imperiale series

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www.passivehouse.com

LINEA PASSIV IMPERIALE

Testato e certificato da Passiv House Institute Germany

Prodotto idoneo per la costruzione di edifici passivi



LINEA IMPERIALE

Legno alluminio 115*125

Coprifilo telescopico interno in legno da 70mm

Coprifilo esterno in alluminio da 48mm

Uw fino a 1.1W/(mqk)



LINEA UNION 90

Legno alluminio 105*120

Coprifilo telescopico interno in legno da 70 mm
Coprifilo telescopico esterno in alluminio da 48mm

Uw fino a 1.1W/(mqk)



LINEA LUCE SLIM

Legno alluminio 115*65

Coprifilo telescopico interno in legno da 70mm

Coprifilo telescopico esterno in alluminio da 60mm

Uw fino a 1.1W/(mqk)



LINEA LUCE SLIM SCORREVOLE HS

Anta sezioni ridotte 60*90

Anta larghezza minima 800 massima 3000

Anta altezza minima 1800 massima 3000



LINEA COMPLANARE 90

Legno alluminio 120*85

Cerniere a scomparsa

Complanare interno ed esterno

Coprifilo telescopico interno in legno da 70 mm

Coprifilo esterno in alluminio da 48mm

Uw fino a 1.1W/(mqk)





FACCIATE CONTINUE

Legno alluminio
60*32*VARIABLE



LEGNO LAMELLARE

ROVERE PRIMA CLASSE

MOGANO PRIMA CLASSE

PINO PRIMA CLASSE



FINITURE

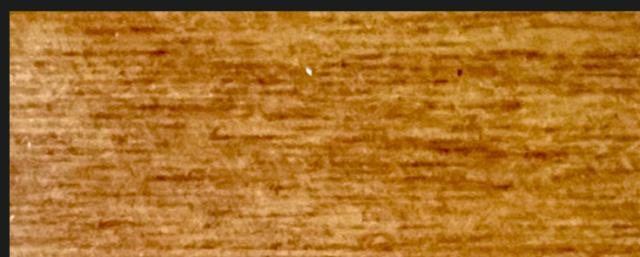
RAME ANTICO

BRONZO

EFFETTO LEGNO

RAL SPECIALI





LINEA PASSIV IMPERIALE

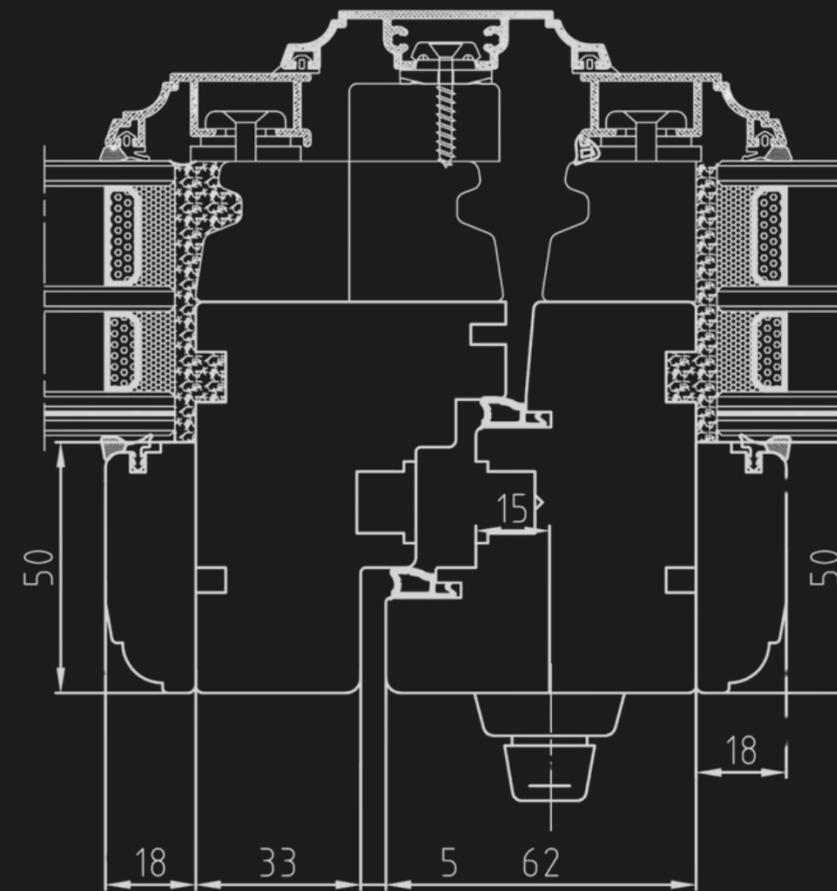
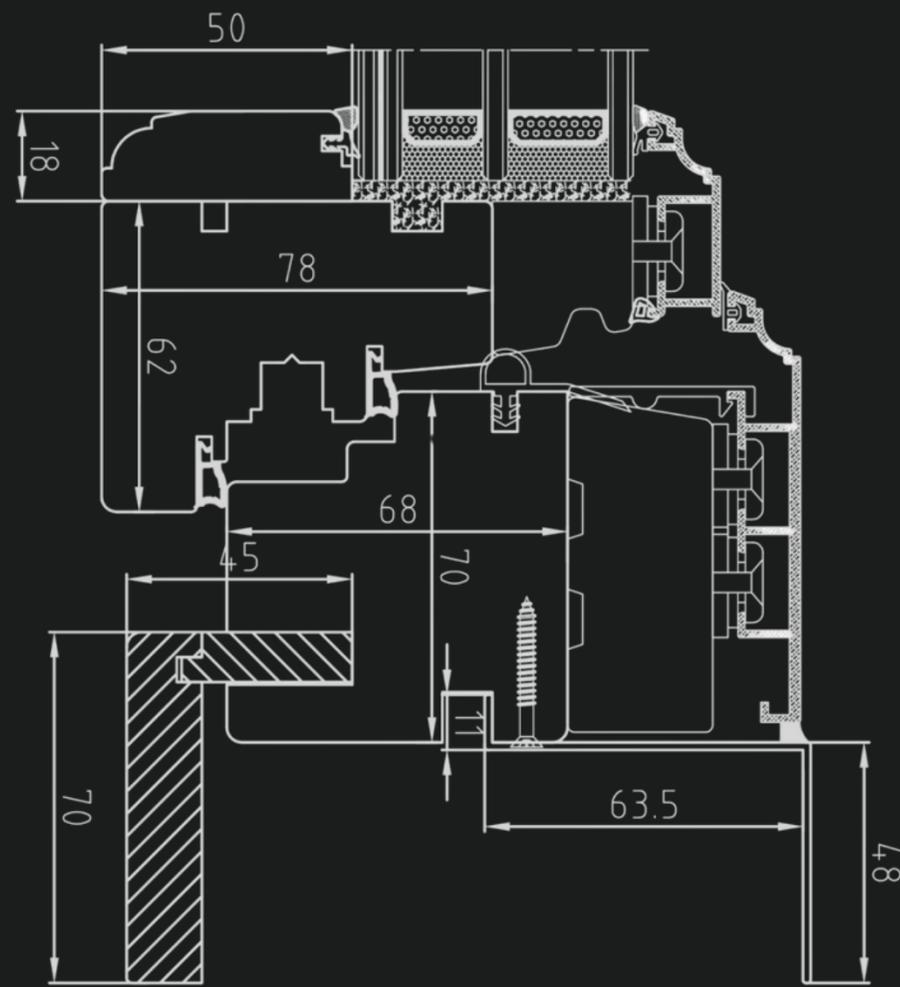
Legno alluminio 142*125

Finestre per case passive

Coprifilo telescopico interno in legno da 70mm

Coprifilo telescopico esterno in alluminio da 48mm

Uw fino a 0,7W/(mqk)



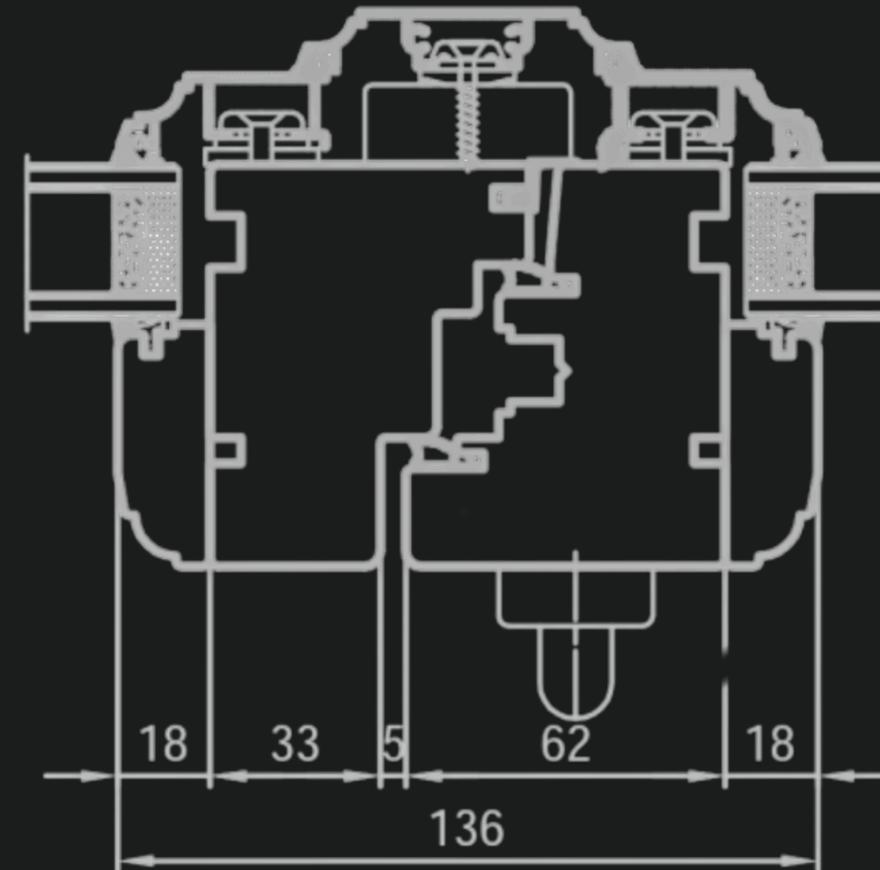
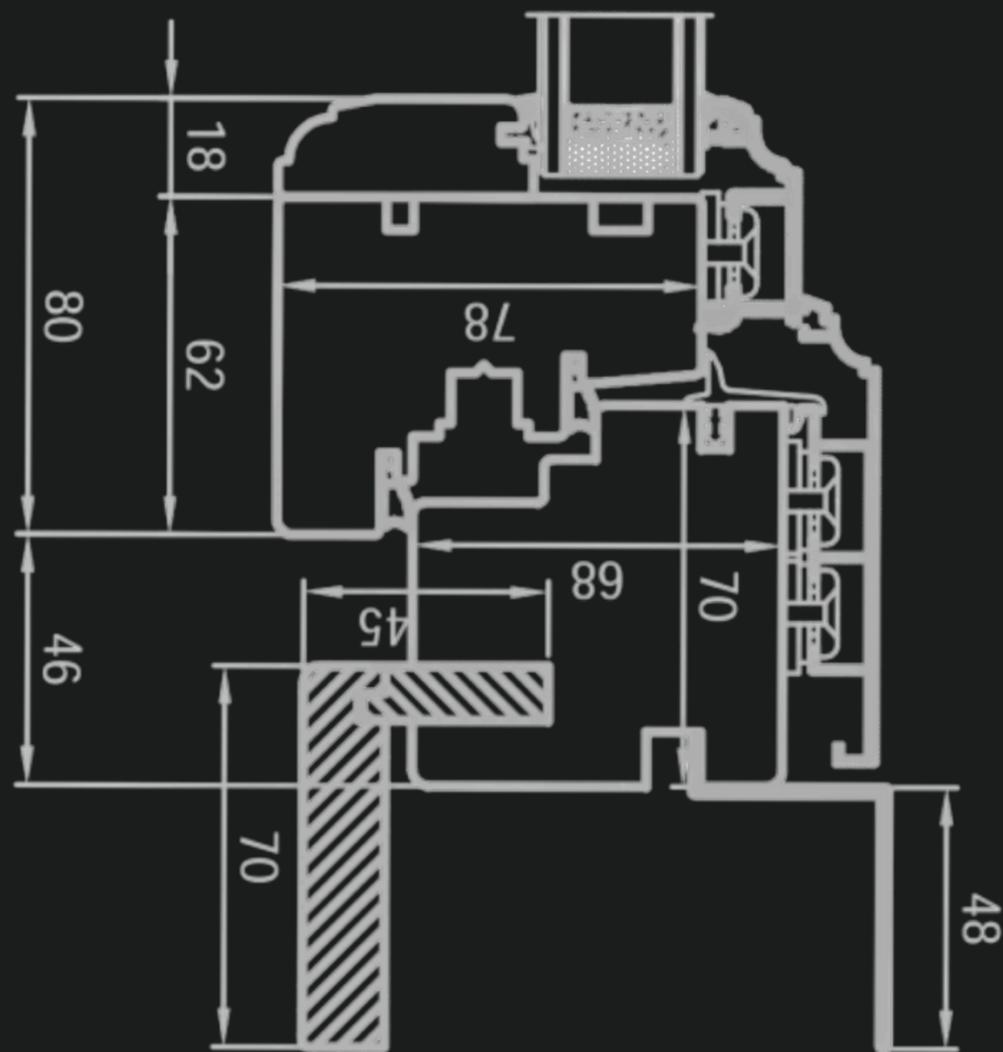
LINEA IMPERIALE

Legno alluminio 115*125

Coprifilo telescopico interno in legno da 70mm

Coprifilo esterno in alluminio da 48mm

Uw fino a 1.1W/(mqk)



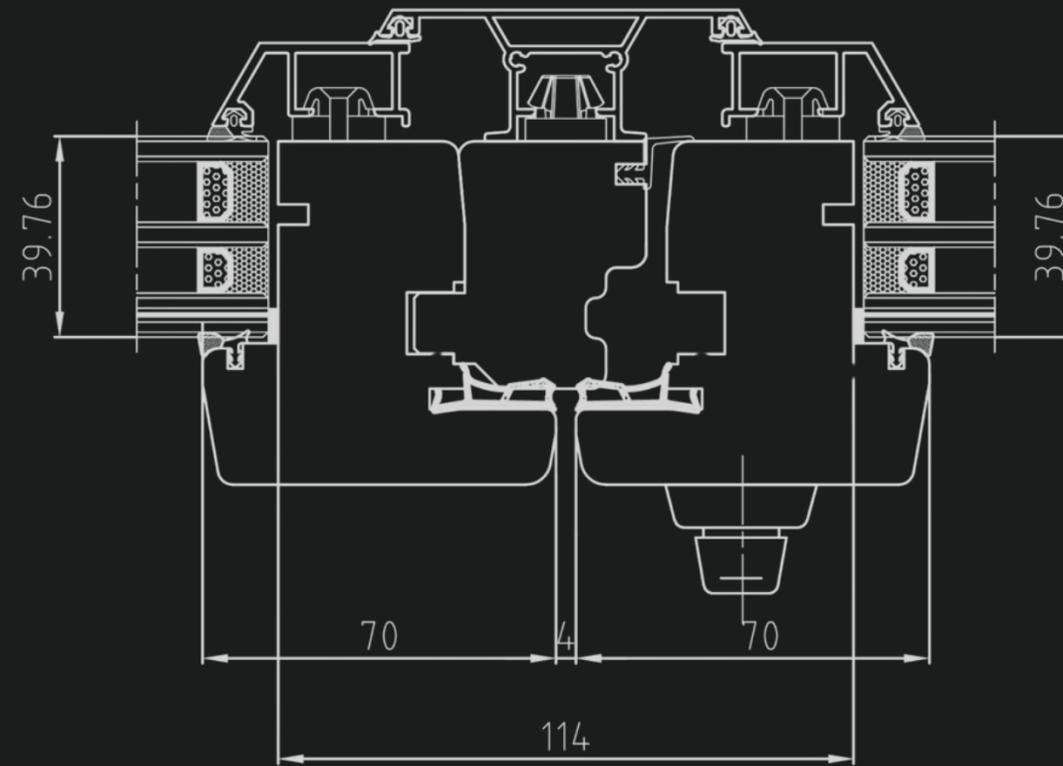
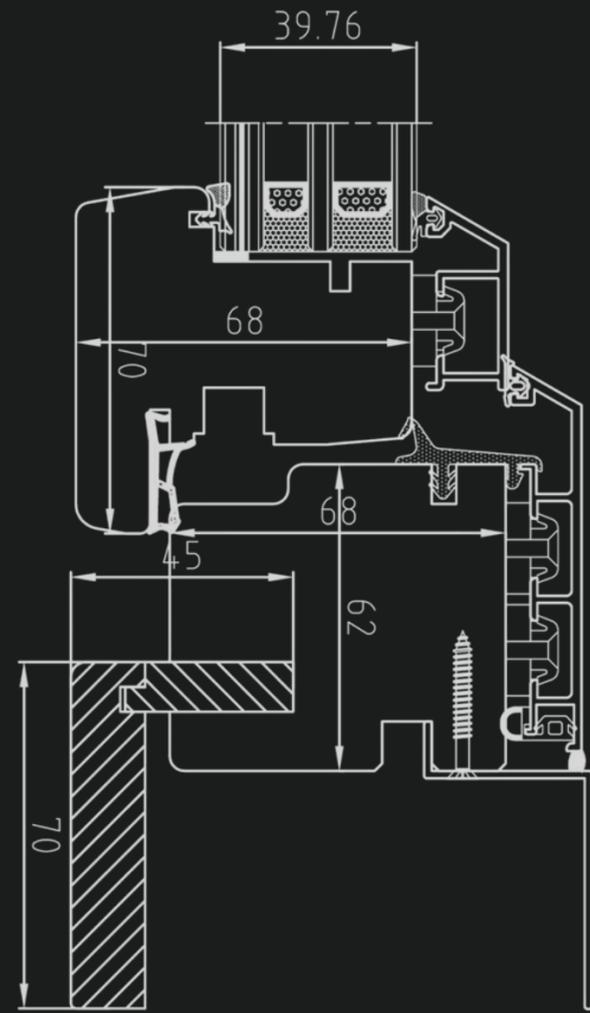
LINEA UNION 90

Legno alluminio 105*120

Coprifilo telescopico interno in legno da 70 mm

Coprifilo telescopico esterno in alluminio da 48mm

Uw fino a 1.1W/(mqk)

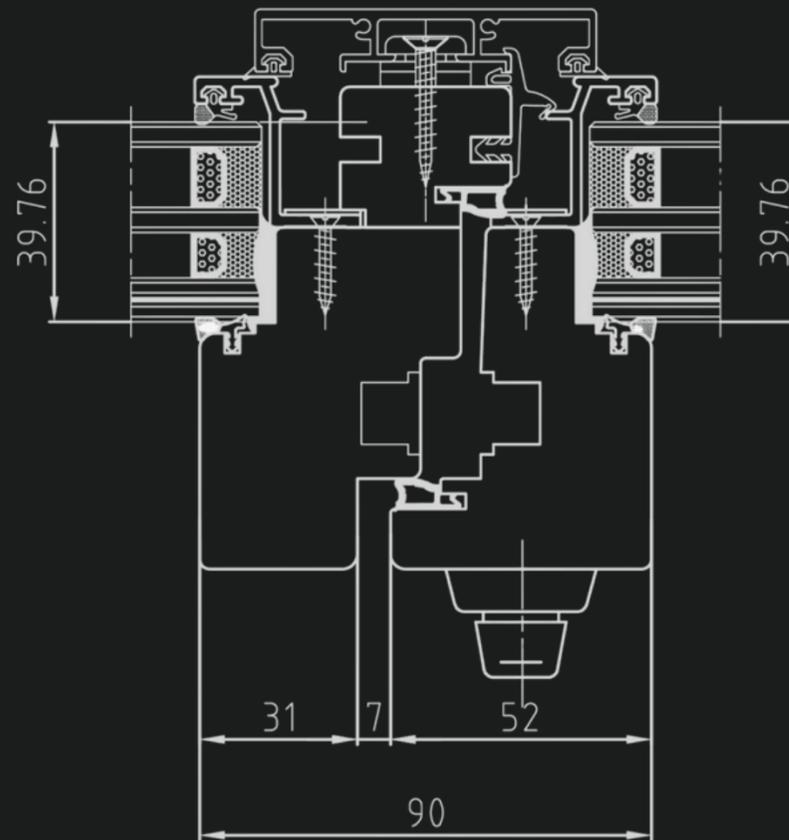
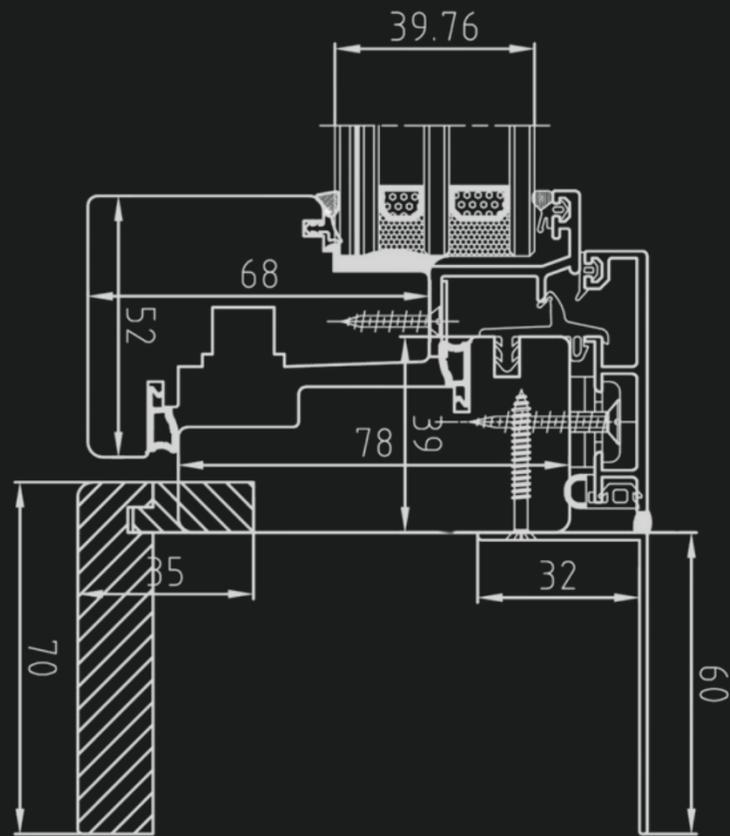


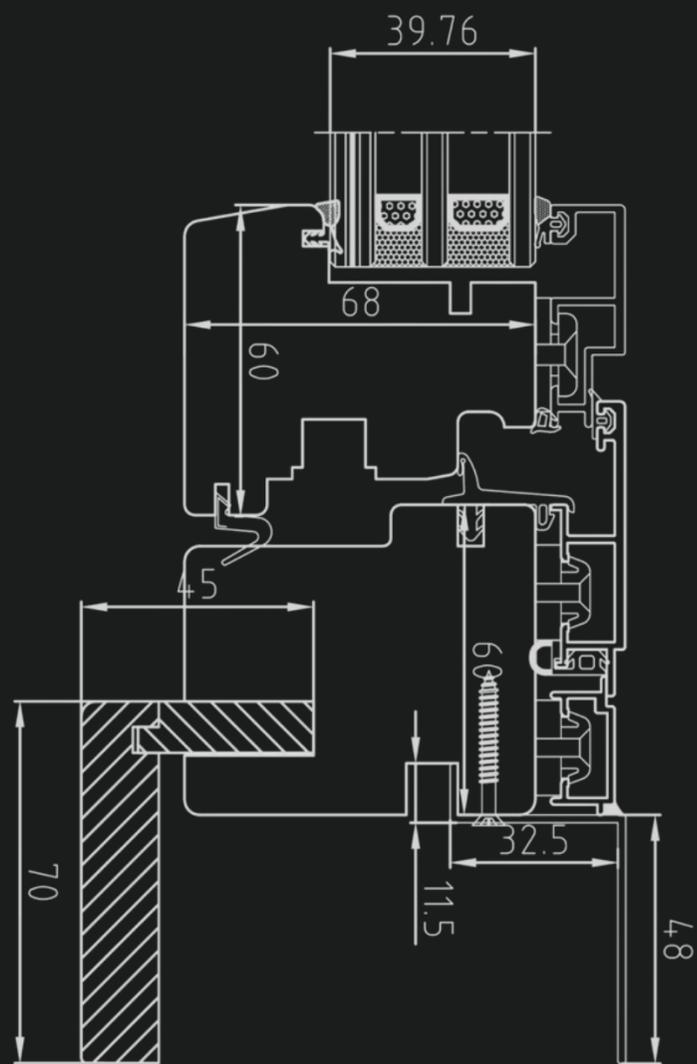
LINEA LUCE SLIM

Legno alluminio 115*65

Coprifilo telescopico interno in legno da 70mm
Coprifilo telescopico esterno in alluminio da 60mm

Uw fino a 1.1W/(mqk)





LINEA COMPLANARE 90

Legno alluminio 120*85

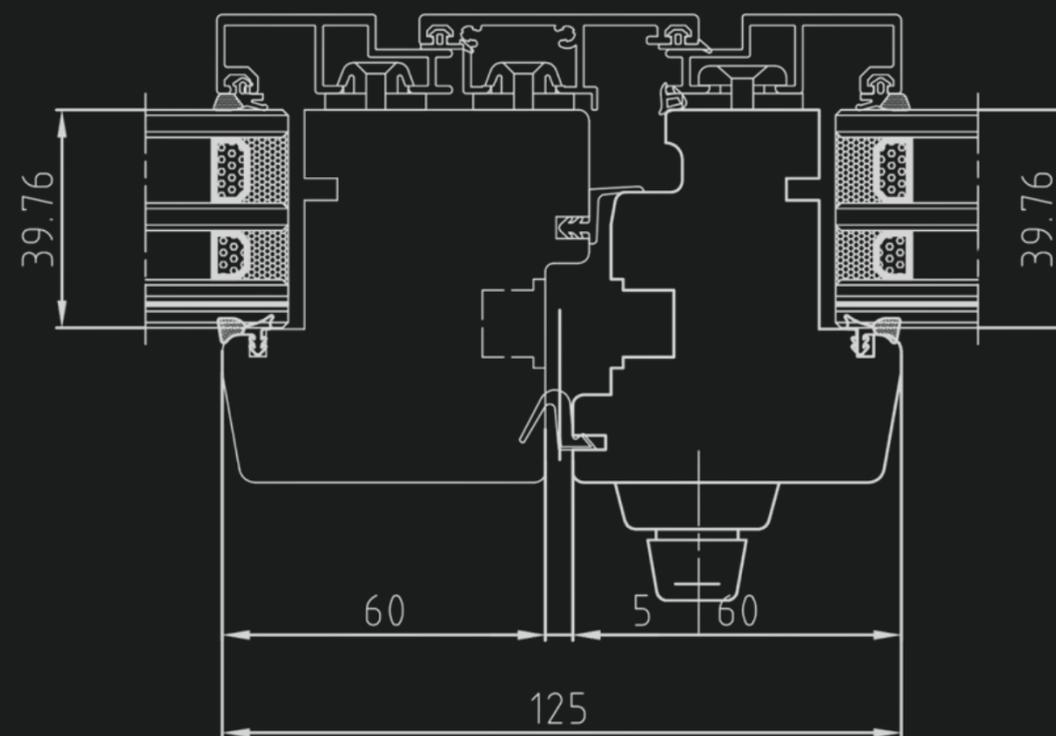
Cerniere a scomparsa

Complanare interno ed esterno

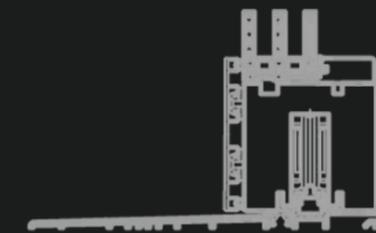
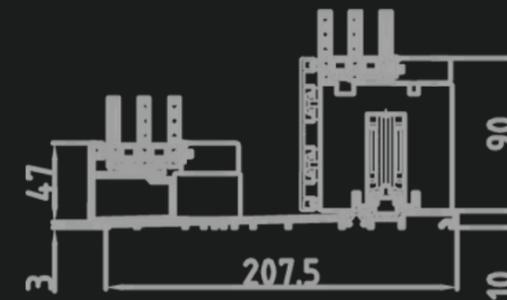
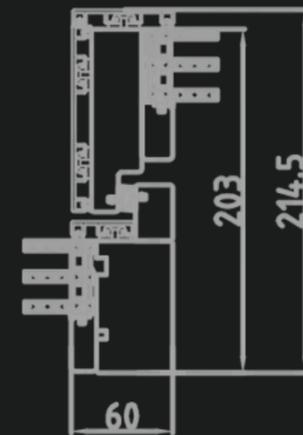
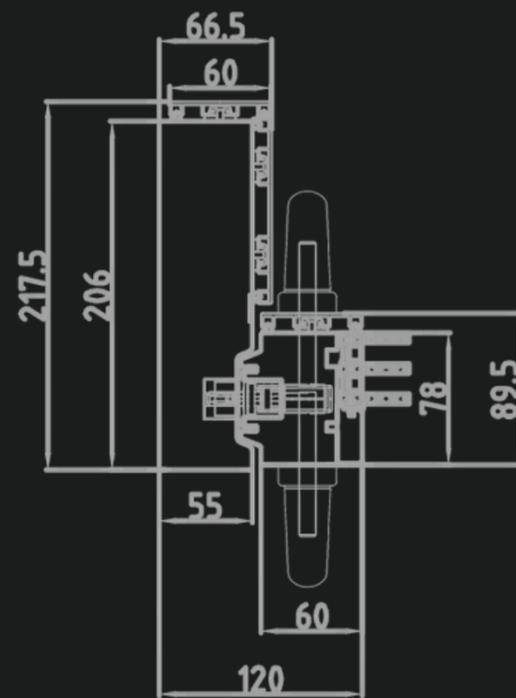
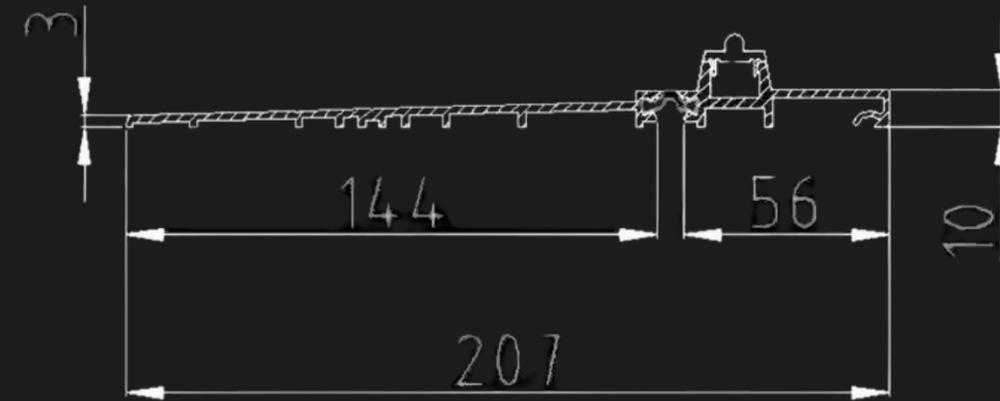
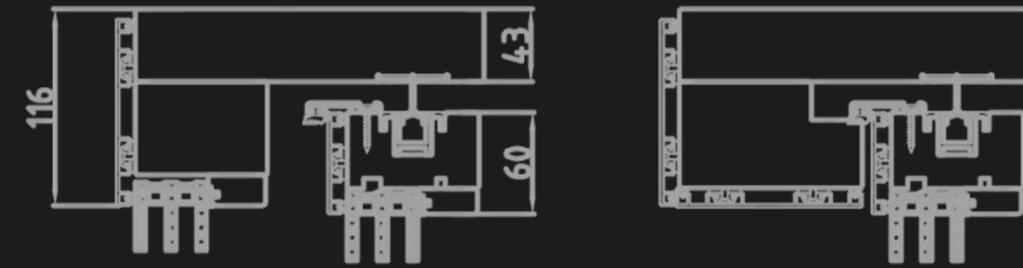
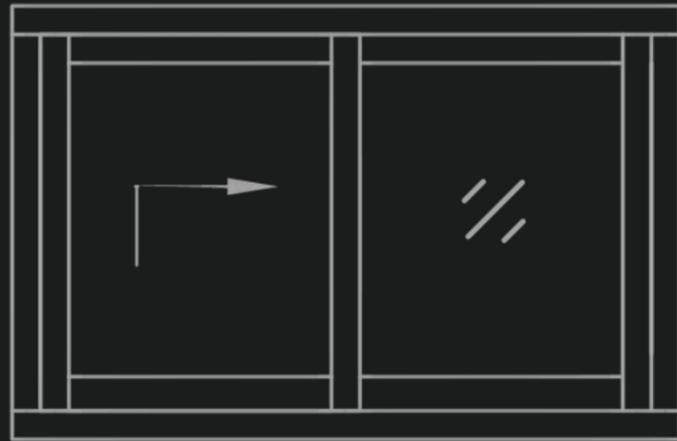
Coprifilo telescopico interno in legno da 70 mm

Coprifilo esterno in alluminio da 48mm

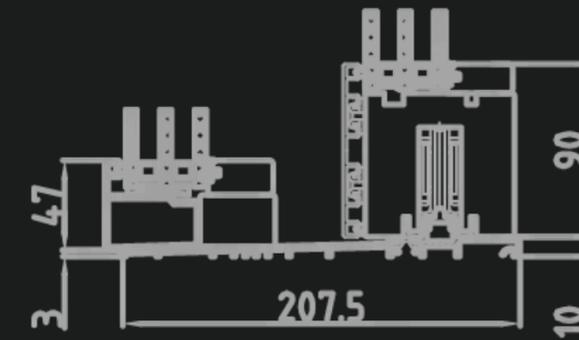
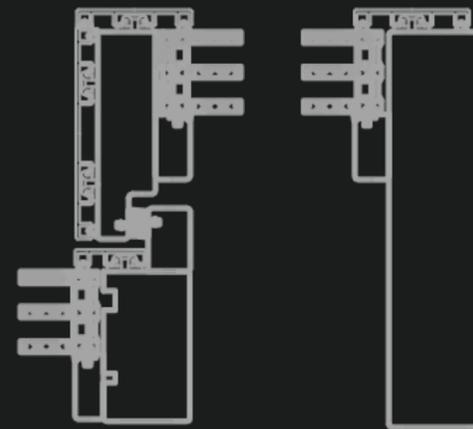
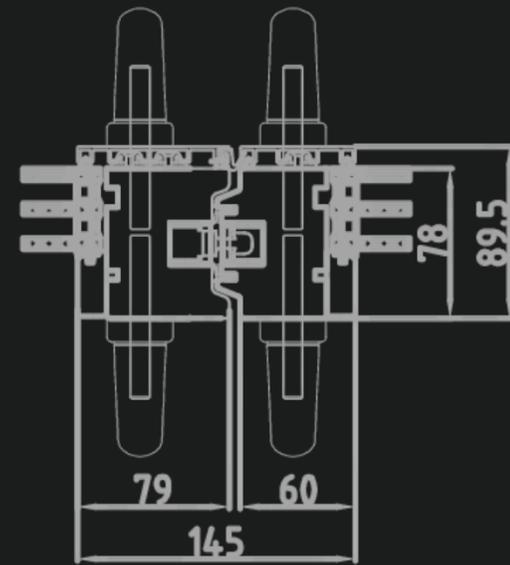
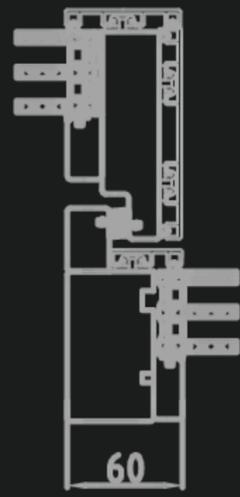
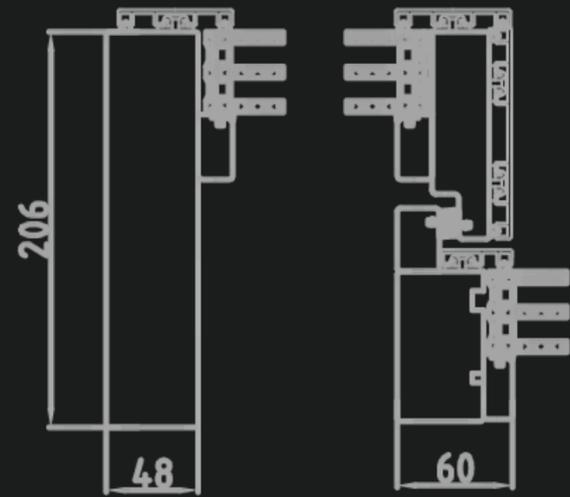
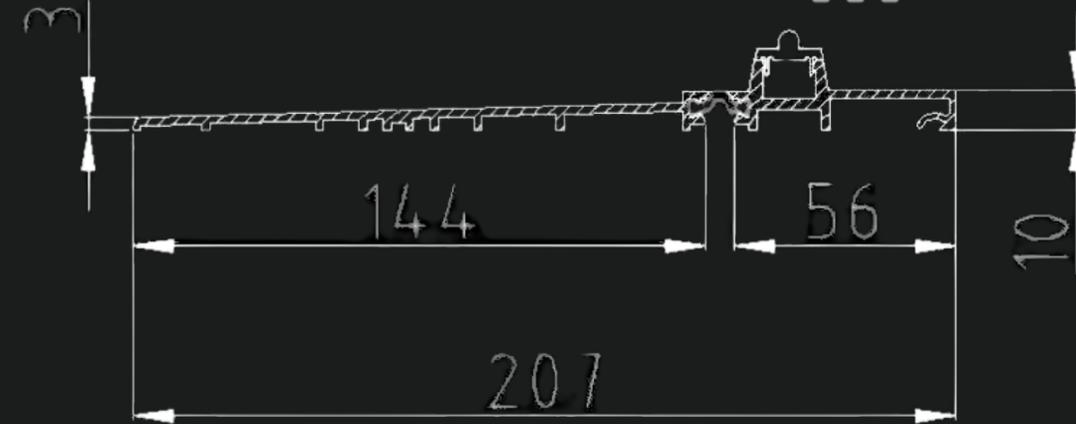
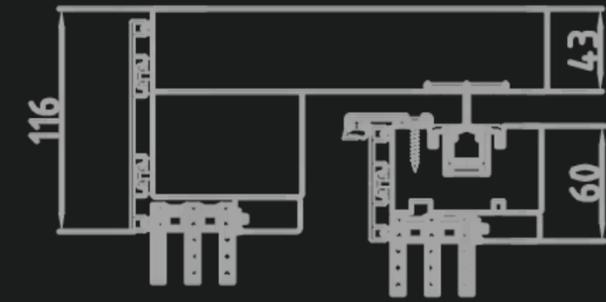
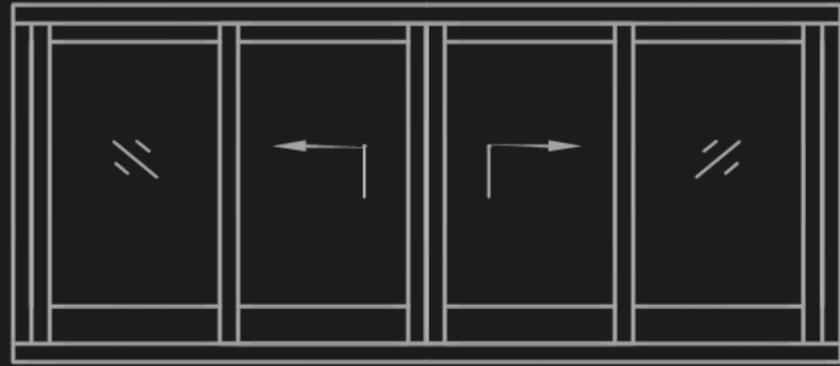
Uw fino a 1.1W/(mqk)

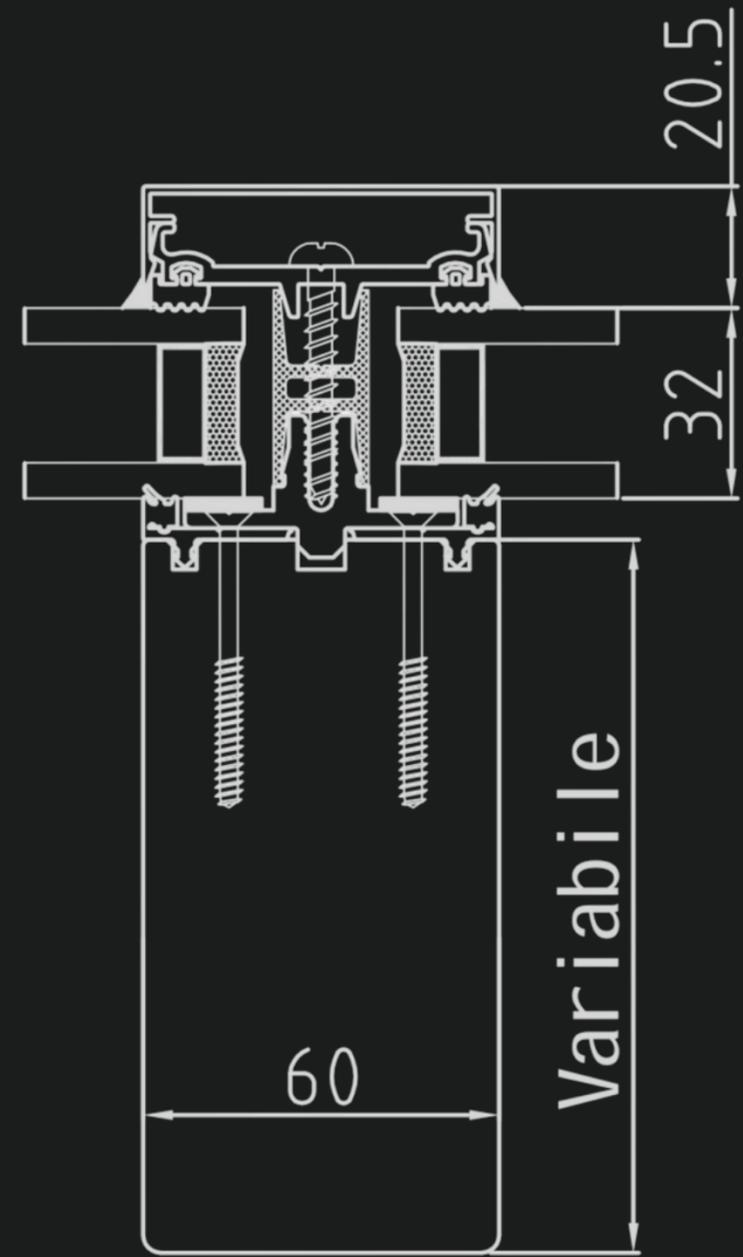
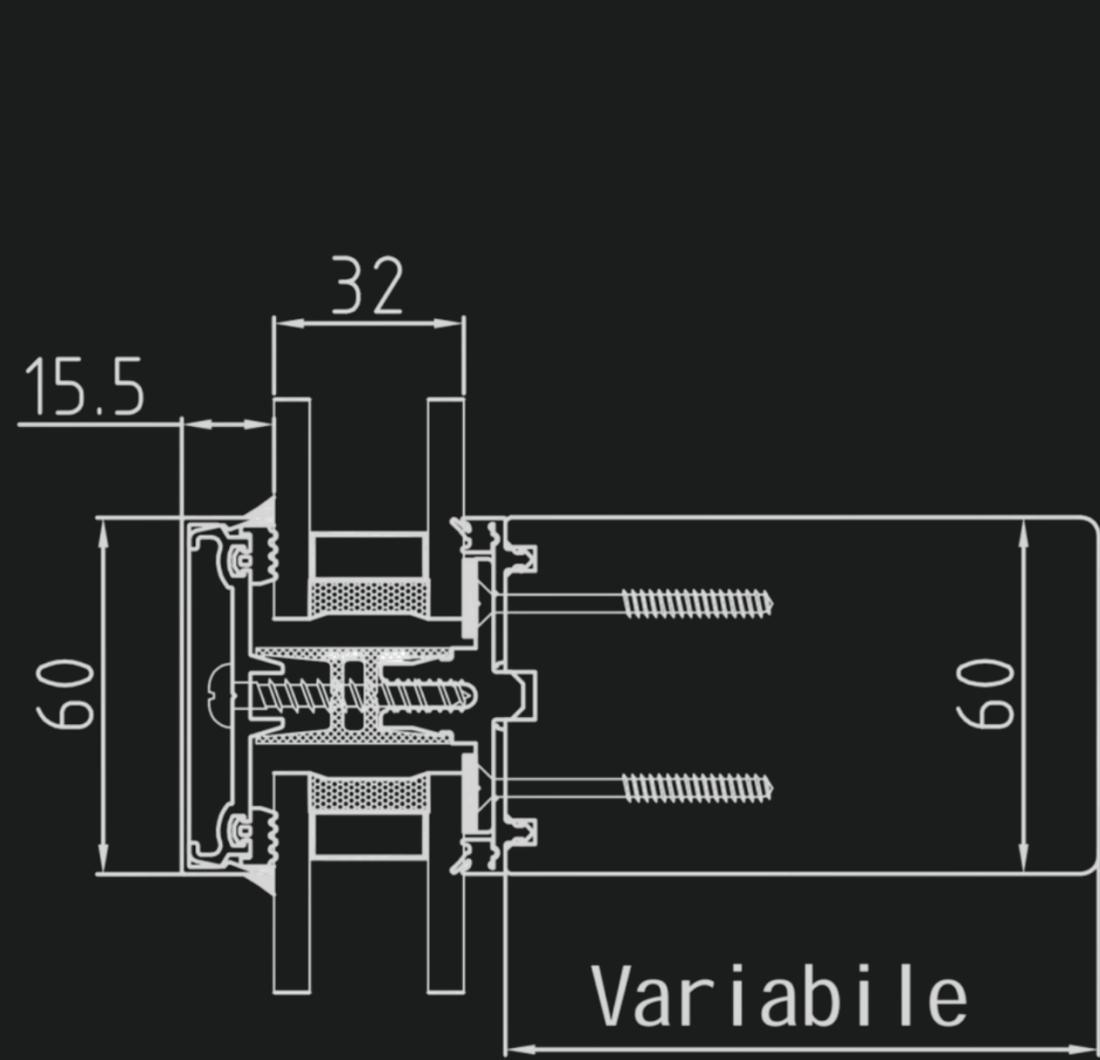


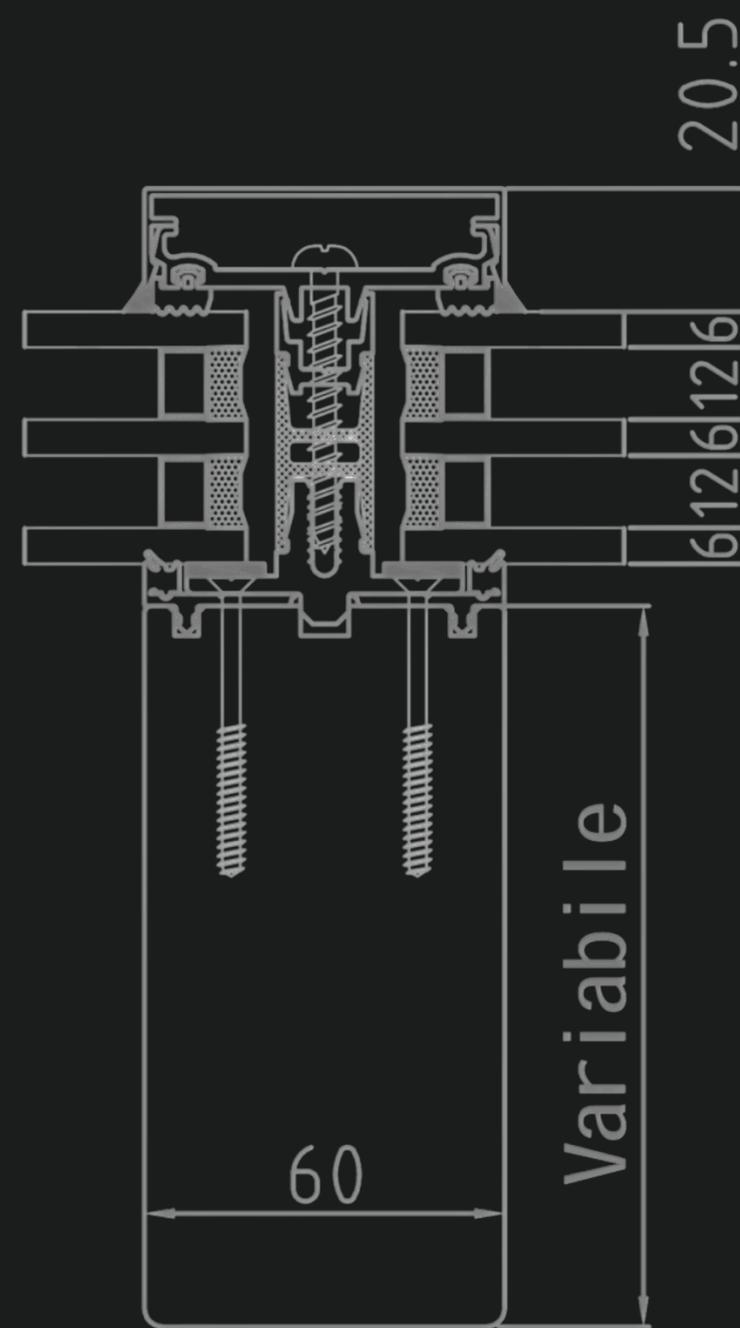
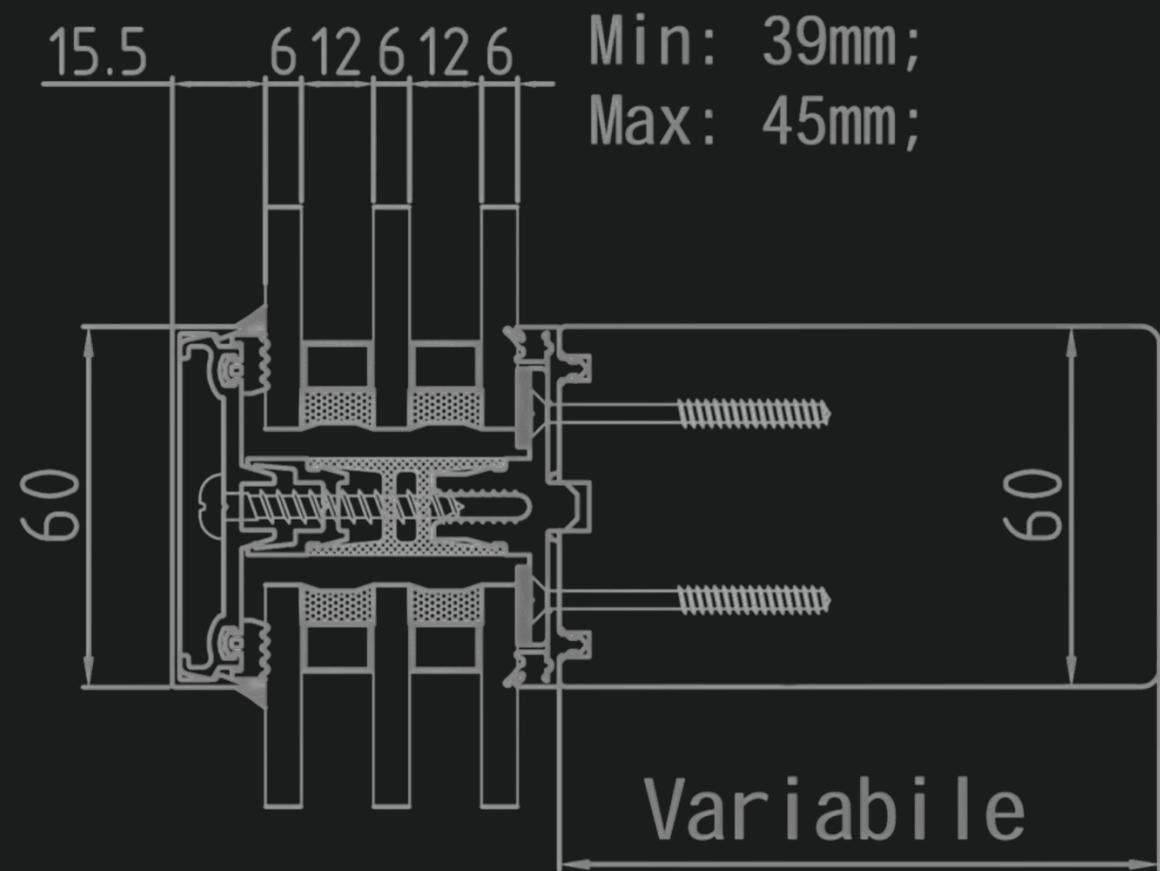
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