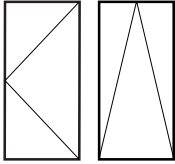
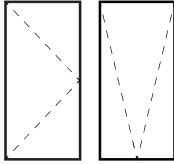
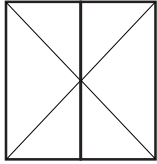
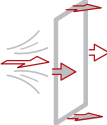
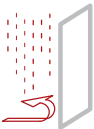
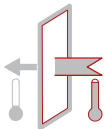


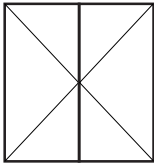
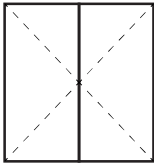
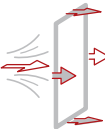
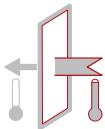
Performances

Performance

Características de prestación

1.2

Standard Norme Normas	Test Controlli Ensayos			
		Window open in Finestra apertura interna Apertura hacia dentro	Window open out Finestra apertura esterna Apertura hacia fuera	Window open in Finestra apertura interna Apertura hacia dentro
EN12207 	Air permeability Permeabilità all'aria Permeabilidad al aire	up to class 4 - 600 Pa fino alla classe 4 - 600 Pa hasta clase 4 - 600 Pa	up to class 4 - 600 Pa fino alla classe 4 - 600 Pa hasta clase 4 - 600 Pa	up to class 4 - 600 Pa fino alla classe 4 - 600 Pa hasta clase 4 - 600 Pa
EN12208 	Water tightness Tenuta all'acqua Estanquidad al agua	up to class 7B - 300 Pa fino alla classe 7B - 300 Pa hasta clase 7B - 300 Pa	up to class 9A - 600 Pa fino alla classe 9A - 600 Pa hasta clase 9A - 600 Pa	up to class 8A - 450 Pa fino alla classe 8A - 450 Pa hasta clase 8A - 450 Pa
EN12210 	Resistance to wind load Resistenza al carico del vento Resistencia a la presión del viento	up to class C3 - 1200 Pa fino alla classe C3 - 1200 Pa hasta clase C3 - 1200 Pa	up to class C5 - 2000 Pa fino alla classe C5 - 2000 Pa hasta clase C5 - 2000 Pa	up to class C3 - 1200 Pa fino alla classe C3 - 1200 Pa hasta clase C3 - 1200 Pa
EN ISO10077-1 	Heat transfer coefficient Coefficiente di trasmittanza termica Coeficiente de transmisión térmica	from > 1.20 W/m²K da > 1.20 W/m²K desde > 1.20 W/m²K	from > 1.20 W/m²K da > 1.20 W/m²K desde > 1.20 W/m²K	from > 1.20 W/m²K da > 1.20 W/m²K desde > 1.20 W/m²K
EN ISO10140 	Sound insulation Isolamento acustico Absorción acústica	up to $R_w+C_{tr}=41$ dB ($R_w=46$ dB) fino a $R_w+C_{tr}=41$ dB ($R_w=46$ dB) hasta $R_w+C_{tr}=41$ dB ($R_w=46$ dB)	up to $R_w+C_{tr}=41$ dB ($R_w=46$ dB) fino a $R_w+C_{tr}=41$ dB ($R_w=46$ dB) hasta $R_w+C_{tr}=41$ dB ($R_w=46$ dB)	up to $R_w+C_{tr}=41$ dB ($R_w=46$ dB) fino a $R_w+C_{tr}=41$ dB ($R_w=46$ dB) hasta $R_w+C_{tr}=41$ dB ($R_w=46$ dB)
EN14024 	Metal profile with thermal barrier Profili metallici a taglio termico Perfiles metálicos rotura térmica	CW / TC2	CW / TC2	CW / TC2

Standard Norme Normas	Test Controlli Ensayos		
		Open in door Porta apertura interna Apertura hacia dentro	Open out door Porta apertura esterna Apertura hacia fuera
EN12207 	Air permeability Permeabilità all'aria Permeabilidad al aire	up to class 3 - 600 Pa fino alla classe 3 - 600 Pa hasta clase 3 - 600 Pa	up to class 3 - 600 Pa fino alla classe 3 - 600 Pa hasta clase 3 - 600 Pa
EN12208 	Water tightness Tenuta all'acqua Estanquidad al agua	up to class 1A fino alla classe 1A hasta clase 1A	up to class 1A fino alla classe 1A hasta clase 1A
EN12210 	Resistance to wind load Resistenza al carico del vento Resistencia a la presión del viento	up to class C2 - 800 Pa fino alla classe C2 - 800 Pa hasta clase C2 - 800 Pa	up to class C2 - 800 Pa fino alla classe C2 - 800 Pa hasta clase C2 - 800 Pa
EN ISO10077-1 	Heat transfer coefficient Coefficiente di trasmittanza termica Coeficiente de transmisión térmica	from > 1.20 W/m²K da > 1.20 W/m²K desde > 1.20 W/m²K	from > 1.20 W/m²K da > 1.20 W/m²K desde > 1.20 W/m²K
EN14024 	Metal profile with thermal barrier Profili metallici a taglio termico Perfiles metálicos rotura térmica	CW / TC2	CW / TC2
EN1627 	Burglary resistance Antieffrazione Antirrobo	RC2	RC2

U_f value

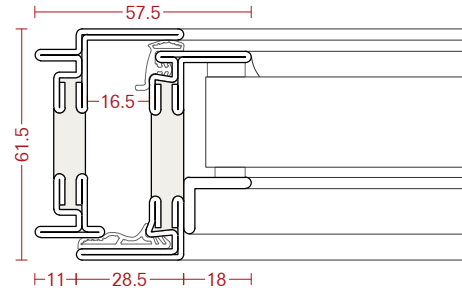
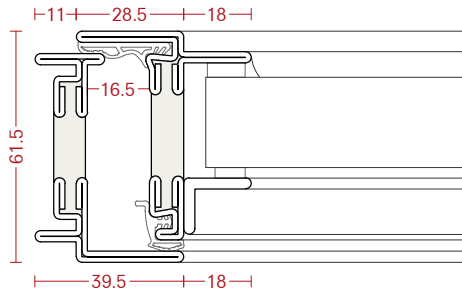
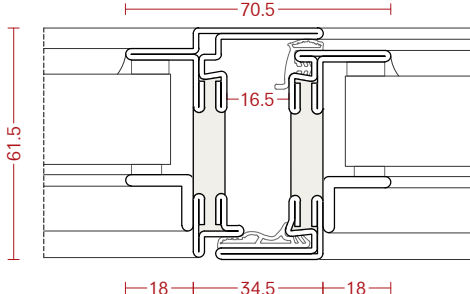
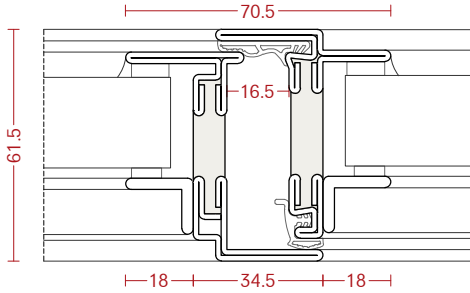
Performances according
to EN 10077-2

Valore U_f

Prestazioni secondo
EN 10077-2

Valor U_f

Características de prestación
conforme EN 10077-2

	T = 24 mm DOUBLE GLAZED	T = 36 mm TRIPLE GLAZED	
FT 5509L-02 / FT 5509ZA-02	2.9	2.7	
FT 5509L-02 / FT 5509TA-02	2.9	2.8	
FT 6109TZ-02 / FT 5509ZA-02	2.9	2.5	
FT 5509ZL-02 / FT 5509TA-02	2.9	2.8	

T = Glazing thickness
According to EN 10077-2:
U_f = U_f value in [W/m²K]
T = 24 mm, λ=0.035 [W/(mK)]
T = 36 mm, λ=0.035 [W/(mK)]

T = Spessore vetro
Secondo EN 10077-2:
U_f = valore U_f in [W/m²K]
T = 24 mm, λ=0.035 [W/(mK)]
T = 36 mm, λ=0.035 [W/(mK)]

T = Espesores de vidrio
Conforme EN 10077-2:
U_f = valor U_f en [W/m²K]
T = 24 mm, λ=0.035 [W/(mK)]
T = 36 mm, λ=0.035 [W/(mK)]

U_f value

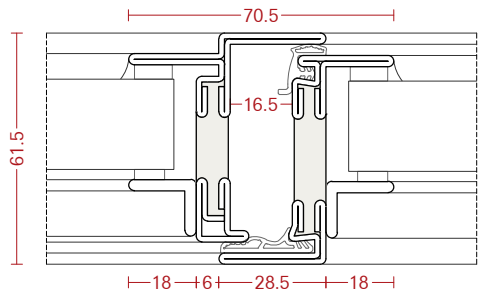
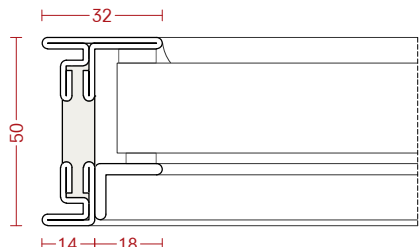
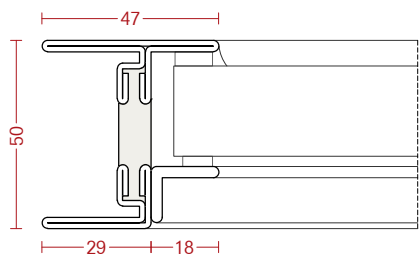
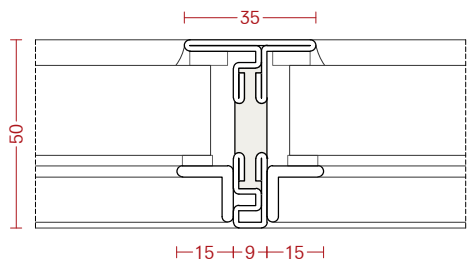
Performances according
to EN 10077-2

Valore U_f

Prestazioni secondo
EN 10077-2

Valor U_f

Características de prestación
conforme EN 10077-2

	T = 24 mm DOUBLE GLAZED	T = 36 mm TRIPLE GLAZED	
FT 5509TL-02 / FT 5509ZA-02	3.0	2.6	
FT 5009LF-02	2.8	2.5	
FT 5009HF-02	2.3	1.9	
FT 5009TR-02	3.4	3.0	

T = Glazing thickness
According to EN 10077-2:
U_f = U_f value in [W/m²K]
T = 24 mm, λ=0.035 [W/(mK)]
T = 36 mm, λ=0.035 [W/(mK)]

T = Spessore vetro
Secondo EN 10077-2:
U_f = valore U_f in [W/m²K]
T = 24 mm, λ=0.035 [W/(mK)]
T = 36 mm, λ=0.035 [W/(mK)]

T = Espesores de vidrio
Conforme EN 10077-2:
U_f = valor U_f en [W/m²K]
T = 24 mm, λ=0.035 [W/(mK)]
T = 36 mm, λ=0.035 [W/(mK)]

U_f value

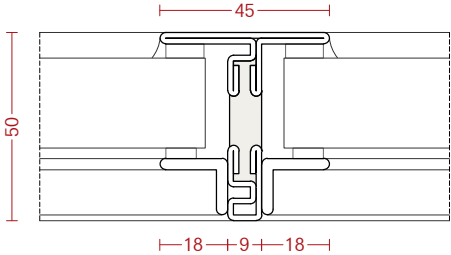
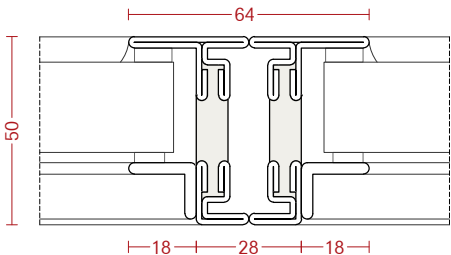
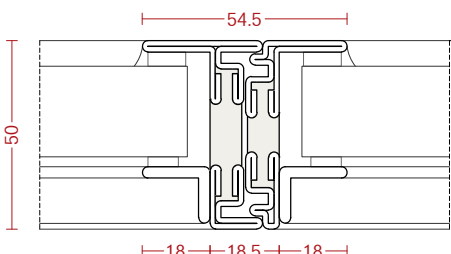
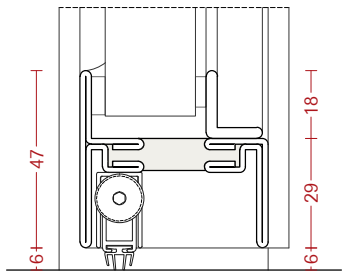
Performances according
to EN 10077-2

Valore U_f

Prestazioni secondo
EN 10077-2

Valor U_f

Características de prestación
conforme EN 10077-2

	T = 24 mm DOUBLE GLAZED	T = 36 mm TRIPLE GLAZED	
FT 5009TN-02	2.9	2.6	
FT 5009LF-02 / FT 5009LF-02	2.5	2.2	
FT 5009LF-02 / FT 5009LC-02	3.4	3.2	
FT 5009HF-02	3.0	2.6	

T = Glazing thickness
According to EN 10077-2:
U_f = U_f value in [W/m²K]
T = 24 mm, λ=0.035 [W/(mK)]
T = 36 mm, λ=0.035 [W/(mK)]

T = Spessore vetro
Secondo EN 10077-2:
U_f = valore U_f in [W/m²K]
T = 24 mm, λ=0.035 [W/(mK)]
T = 36 mm, λ=0.035 [W/(mK)]

T = Espesores de vidrio
Conforme EN 10077-2:
U_f = valor U_f en [W/m²K]
T = 24 mm, λ=0.035 [W/(mK)]
T = 36 mm, λ=0.035 [W/(mK)]

METALFORM

MASTERS OF METAL

UNITED KINGDOM

METALFORM

NORWAYMETAL LTD

53 Chelsea Manor Street
London, SW3 5RZ

SALES@METALFORM.UK

+44 20 81298814

GERMANY

METALFORM GMBH

Carl-Zeiss-Ring 15A
85737 Ismaning

SALES@METALFORMGROUP.DE

+49 17663630406

NORWAY

METALFORM AS

Brochmannsveien 2
1950 Rømskog

SALG@METALFORM.NO

+47 401 62 446

METALFORMGROUP

SALES@METALFORMGROUP.COM