

PRODUCT CATALOGUE

SANDWICH PANELS



ROOF PANELS

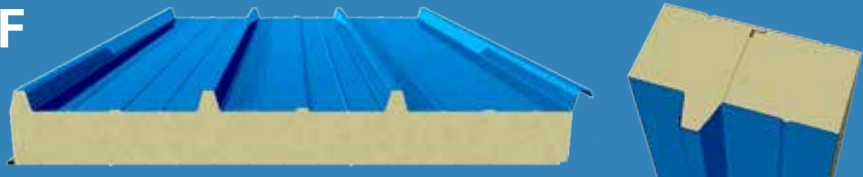


GLAMET



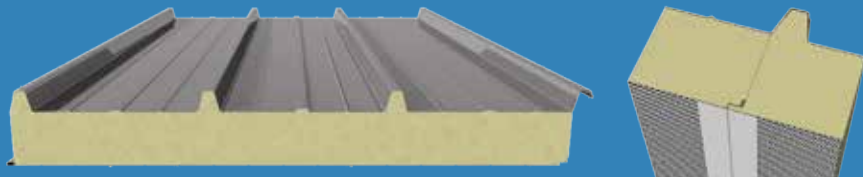
Insulation core		Panel width (mm)	Galvanised steel armour		Fire classification			Application, comments
material	parameter		Sheet thickness	Colour coating	fire class	fire resist.	ext.fire perf	
PUR foam	$\lambda = 0,022 \text{ W/mK}$ $\rho = 38 \text{ kg/m}^3$	30, 40, 50, 60, 80, 100, 120	OUTER: 0,45/0,5/0,6 INNER: 0,4/0,5	OUTER/INNER: 25 μm PE	B-s3, d0	REI15, REI45	B, Roof (t1)	Roof slope: min. 7%, excellent insulation
PIR foam	$\lambda = 0,024 \text{ W/mK}$ $\rho = 40 \text{ kg/m}^3$				B-s2, d0	-	B, Roof (t1)	

HIPERTEC ROOF



Insulation core		Panel width (mm)	Galvanised steel armour		Fire classification			Application, comments
material	parameter		Sheet thickness	Colour coating	fire class	fire resist.	ext.fire perf	
mineral wool	$\lambda = 0,04 \text{ W/mK}$ $\rho = 105 \text{ kg/m}^3$	50, 60, 80, 100, 120, 150	OUTER: 0,5/0,6 INNER: 0,5/0,6	OUTER/INNER: 25 μm PE	A2-s1, d0	REI30, REI60, REI90	B, Roof (t1)	Roof slope: min. 7%, enhanced fire protection sound-proofing

HIPERTEC ROOF SOUND



Insulation core		Panel width (mm)	Galvanised steel armour		Fire classification			Application, comments
material	parameter		Sheet thickness	Colour coating	fire class	fire resist.	ext.fire perf	
mineral wool	$\lambda = 0,04 \text{ W/mK}$ $\rho = 105 \text{ kg/m}^3$	50, 60, 80, 100, 120, 150	OUTER: 0,6 INNER: 0,6 perforated	OUTER/INNER: 25 μm PE	B	-	B, Roof (t1)	Roof slope: min. 7%, sound absorp- tion, sound-proof

WALL PANELS WITH VISIBLE FIXING



MONOWALL



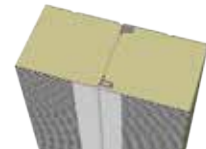
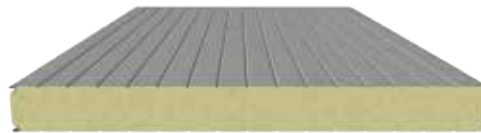
Insulation core		Panel width (mm)	Galvanised steel armour		Fire classification		Application, comments
material	parameter		Sheet thickness	Colour range	fire class	fire resist.	
PUR foam	$\lambda = 0,022 \text{ W/mK}$ $\rho = 38 \text{ kg/m}^3$	30, 40, 50, 60, 80, 100, 120, 150, 180, 200	OUTER: 0,4 / 0,5 / 0,6 INNER: 0,4 / 0,5 / 0,6	OUTER/INNER: 25 μm PE	B-s3, d0	EI15, EI30, EI60, EI90	Visible fixing Vertical or horizontal application
PIR foam	$\lambda = 0,024 \text{ W/mK}$ $\rho = 40 \text{ kg/m}^3$				B-s2, d0	-	

HIPERTEC WALL



Insulation core		Panel width (mm)	Galvanised steel armour		Fire classification		Application, comments
material	parameter		Sheet thickness	Colour range	fire class	fire resist.	
mineral wool	$\lambda = 0,04 \text{ W/mK}$ $\rho = 105 \text{ kg/m}^3$	50, 60, 80, 100, 120, 150	OUTER: 0,5 / 0,6 INNER: 0,5 / 0,6	OUTER/INNER: 25 μm PE	A2-s1, d0	EI15, EI30, EI90, EI120	Visible fixing Enhanced fire class Sound-attenuation

HIPERTEC WALL SOUND



Insulation core		Panel width (mm)	Galvanised steel armour		Fire classification		Application, comments
material	parameter		Sheet thickness	Colour range	fire class	fire resist.	
mineral wool	$\lambda = 0,04 \text{ W/mK}$ $\rho = 105 \text{ kg/m}^3$	50, 60, 80, 100, 120, 150	OUTER: 0,6 INNER: 0,6 perforált	OUTER/INNER: 25 μm PE	B	-	Visible fixing Sound-absorption

METFIBER ECO WALL

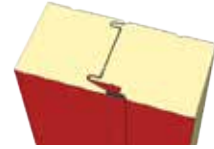


Insulation core		Panel width (mm)	Galvanised steel armour		Fire classification		Application, comments
material	parameter		Sheet thickness	Colour range	fire class	fire resist.	
glass wool	$\lambda = 0,039 \text{ W/mK}$ $\rho = 64 \text{ kg/m}^3$	100, 120, 150, 200	OUTER: 0,5 INNER: 0,5	OUTER/INNER: 25 μm PE	A2-s1, d0	EI45, EI60	Unique development Visible fixing Enhanced fire class

WALL PANELS WITH HIDDEN FIXING



SUPERWALL



Insulation core		Panel width (mm)	Galvanised steel armour		Fire classification		Application, comments
material	parameter		Sheet thickness	Colour range	fire class	fire resist.	
PUR foam	$\lambda = 0,022$ W/mK $\rho = 38$ kg/m ³	50, 60, 80, 100, 120	OUTER: 0,5 / 0,6 INNER: 0,4 / 0,5	OUTER/INNER: 25 μ m PE	B-s3, d0	E15	Hidden fixing Vertical or horizontal application
PIR foam	$\lambda = 0,024$ W/mK $\rho = 40$ kg/m ³				B-s2, d0	-	

H-WALL 8 P



Insulation core		Panel width (mm)	Galvanised steel armour		Fire classification		Application, comments
material	parameter		Sheet thickness	Colour range	fire class	fire resist.	
PUR foam	$\lambda = 0,022$ W/mK $\rho = 38$ kg/m ³	50, 80, 100	OUTER: 0,6 INNER: 0,4 / 0,45	OUTER/INNER: 25 μ m PE	B-s3, d0	-	Elegant look Hidden fixing Horinztal application
PIR foam	$\lambda = 0,024$ W/mK $\rho = 40$ kg/m ³				B-s2, d0	-	

SUPERWALL HF



Insulation core		Panel width (mm)	Galvanised steel armour		Fire classification		Application, comments
material	parameter		Sheet thickness	Colour range	fire class	fire resist.	
mineral wool	$\lambda = 0,04$ W/mK $\rho = 105$ kg/m ³	60, 80, 100, 120, 150, 200	OUTER: 0,6 INNER: 0,6	OUTER/INNER: 25 μ m PE	A2-s1, d0	EI60, EI90	Hidden fixing, enhanced fire class

METFIBER ECO HF WALL



Insulation core		Panel width (mm)	Galvanised steel armour		Fire classification		Application, comments
material	parameter		Sheet thickness	Colour range	fire class	fire resist.	
glass wool	$\lambda = 0,039$ W/mK $\rho = 64$ kg/m ³	100, 120, 150, 200	OUTER: 0,6 INNER: 0,6	OUTER/INNER: 25 μ m PE	A2-s1, d0	-	Unique development Hidden fixing Enhanced fire class

COLOUR RANGE

Printed colours can differ from the official RAL colour shades! Any kind of RAL colours beyond our standard range are available. Please contact our colleagues for further details!

BASIC COLOURS



RAL 9002



RAL 9006

FURTHER STANDARD COLOURS



RAL 1015



RAL 3001



RAL 3009



RAL 5010



RAL 6029



RAL 7037



RAL 9007



RAL 9010

SHEET PROFILING

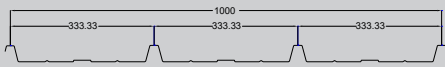
Please contact our colleague about the current available profilings!

TYPE

CROSS-SECTION

APPLICATION

A38 / 333
trapezoidal



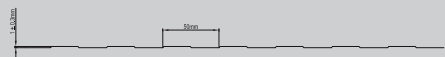
Upper profile of Glamet and Hipertec Roof roof panels

Micro-ribbed



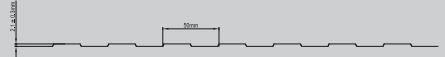
Inner and outer profile of Monowall, Hipertec Wall, Metfiber ECO Wall wall panels
Inner profile of Superwall, Metfiber ECO HF Wall wall panels
Inner profile of Glamet and Hipertec Roof roof profiles

Linear I.



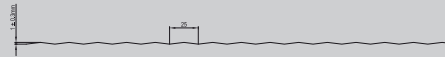
Inner and outer profile of Monowall wall panels
Outer profile of Superwall wall panels

Linear II.



Inner profile of Glamet and Hipertec Roof roof profiles

Staved
(„V” shaped)



Outer profile of Superwall panel (in case of t=0,6mm sheet thickness)
Inner profile of Monowall panel (in case of t=0,6mm sheet thickness)

ACCESSORIES

Flat sheets, flashings



Sheet thickness: 0,5/0,6mm,
Colour coating: 25 µm PE
Re-coiled coils, flat sheet or
ready-made flashings

Self-drilling screws: - panel fasteners - stitching screws



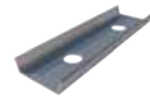
Material of fasteners: galvanised steel
or corrosion resistant alloy steel
Panel fasteners: the appropriate type is
defined by the drilling capacity, and the
size and material of the load-bearing
structure (steel, wood, concrete)

Storm washers (kalotte)



Glamet és Hipertec Roof
tetőpanelek felső bordáján keresztül
törtető rögzítéshez teherelosztó
nyereg, tömítő alátéttel

Load spreader plate (for wall panels with hidden fixing)



Load spreader plate for Superwall,
Superwall HF and Metfiber ECO HF wall
panels with hidden fixing
Material: galvanised steel

Sealing profile (trapezoidal)



Sealing profile between the upper
armour of Glamet and Hipertec roof
panels and the covering flashing
Length: 1 000 mm

Sealing profile (sinusoidal)



Sealing profile between the outer
armour of H-Wall 8P wall panels and
the covering flashing
Length: 1 000 mm

Sealing strips (swelling strips)



Various sealing profiles are available
for water, vapour and air barrier, spa-
ce-fillers, against thermal bridges.
The appropriate product is chosen for
the exact application of area.

Skylight panels



Transparent, insulated skylights desig-
ned to fit with roof panels.
Available in two types:
- double-layered polyester reinforced
with fiberglass (thickness: 30...120mm)
- Multicell polycarbonate
(thickness: 16mm)

WE BUILD THE FUTURE



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www.swedsteel-metecno.com