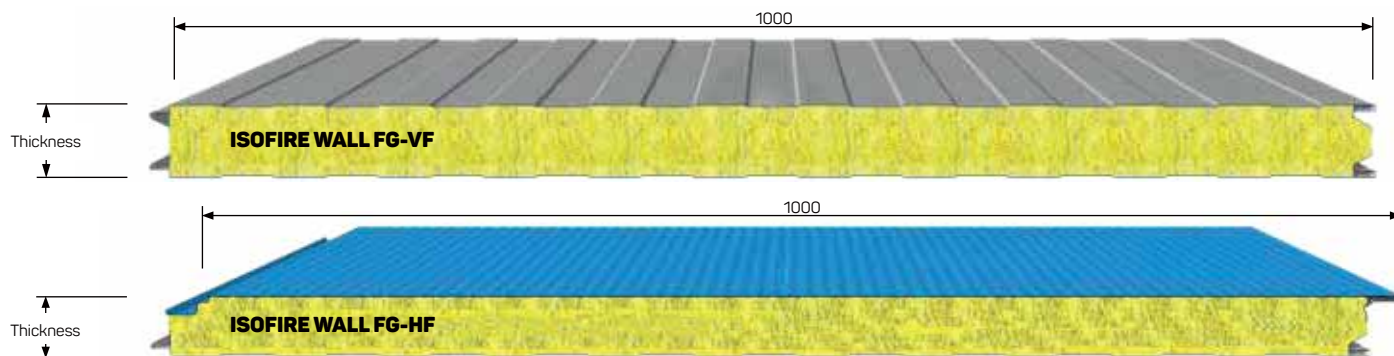


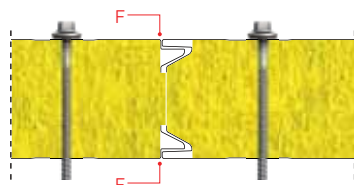
Isofire Wall FG-VF

Isofire Wall FG-HF

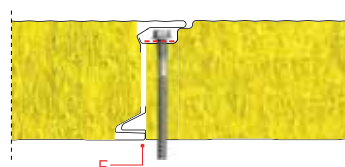
Manufactured in: Italy



Sandwich panels with double metal support and insulated with **Glass wool**. The fixing elements are exposed (Isofire Wall FG-VF) or hidden (Isofire Wall FG-HF).



Wall FG-VF: Joint detail



Wall FG-HF: Joint detail

THERMAL INSULATION According to EN 14509 Annex 10

ISOFIRE WALL FG-VF

U	PANEL NOMINAL THICKNESS mm							
	50	60	80	100	120	150	170	200
W/m² K	0,79	0,65	0,48	0,38	0,32	0,26	0,23	0,19
kcal/m² h °C	0,68	0,56	0,41	0,33	0,28	0,22	0,20	0,16

ISOFIRE WALL FG-HF

U	PANEL NOMINAL THICKNESS mm							
	50	60	80	100	120	150	170	200
W/m² K	0,97	0,75	0,51	0,40	0,33	0,26	0,23	0,20
kcal/m² h °C	0,83	0,65	0,44	0,34	0,28	0,22	0,20	0,17

OVERLOAD SPANS

STEEL SHEETS THICKNESS 0,6 / 0,6 mm - Support 120 mm						
UNIFORMLY DISTRIBUTED LOAD	PANEL NOMINAL THICKNESS mm					
	50	60	80	100	120	150
kg/m²	MAX SPANS cm					
60	335	395	460	510	555	605
80	280	325	395	435	470	510
100	240	280	350	385	410	445
140	185	225	290	315	340	365
180	160	180	240	270	295	315
200	145	170	225	260	270	295

Calculation for static sizing according to the Annex E of the UNI EN 14509 standard. Deflection limit 1/200 ℓ . Thermal load is not considered.

PANELS WEIGHT (Steel sheets)

THICKNES SHEETS mm	PANEL NOMINAL THICKNESS mm							
	50	60	80	100	120	150	170	200
0,5 / 0,5 kg/m²	10,9	11,4	12,5	13,6	14,7	16,4	17,5	19,2
0,6 / 0,6 kg/m²	12,6	13,1	14,2	15,3	16,4	18,1	19,2	20,9

DIMENSION TOLERANCE (EN 14509)

DEVIATION mm		
Length	L ≤ 3 m	± 5 mm
	L > 3 m	± 10 mm 0
Working length	± 2 mm	
Thickness	D ≤ 100 mm	± 2 mm
	D > 100 mm	± 2 %
Deviation from perpendicularity	6 mm	
Misalignment of the internal metal faces	± 3 mm	
Sheets coupling	F = 0 + 3 mm	

L = working length, D = panels thickness, F = sheets coupling



INSTRUCTIONS OF USE: For the use of the panels and the related limits, please consult the Technical Manual available on www.isopan.com, General Sales Terms and Annexes defined by ISOPAN.