

ArcelorMittal Construction



ArcelorMittal

Arval
by ArcelorMittal

Composite Panel Range



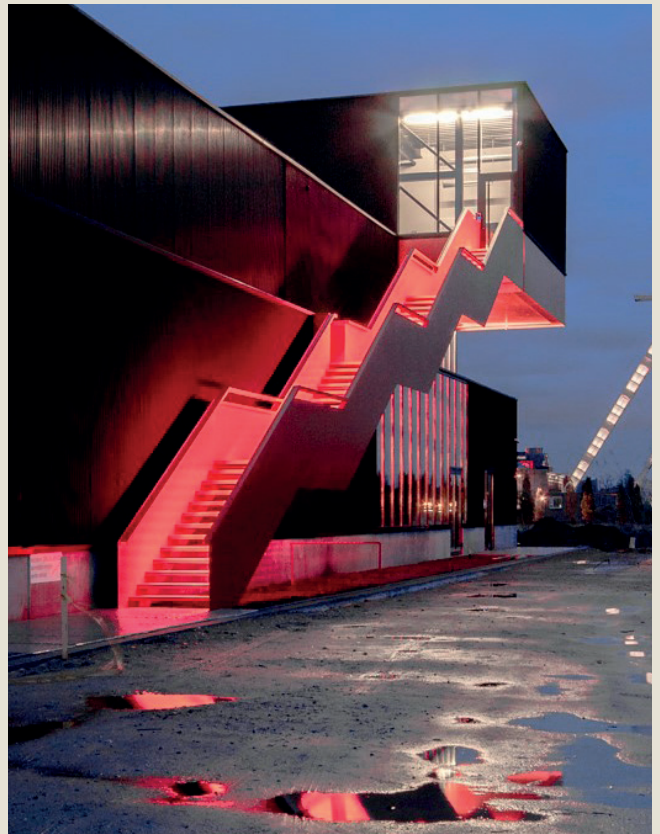
Promistyl Fire 3003B

Sandwich panels

- Coated Steel
- PIR Core
- Mineral Wool Core



Promisol S1000 Microline

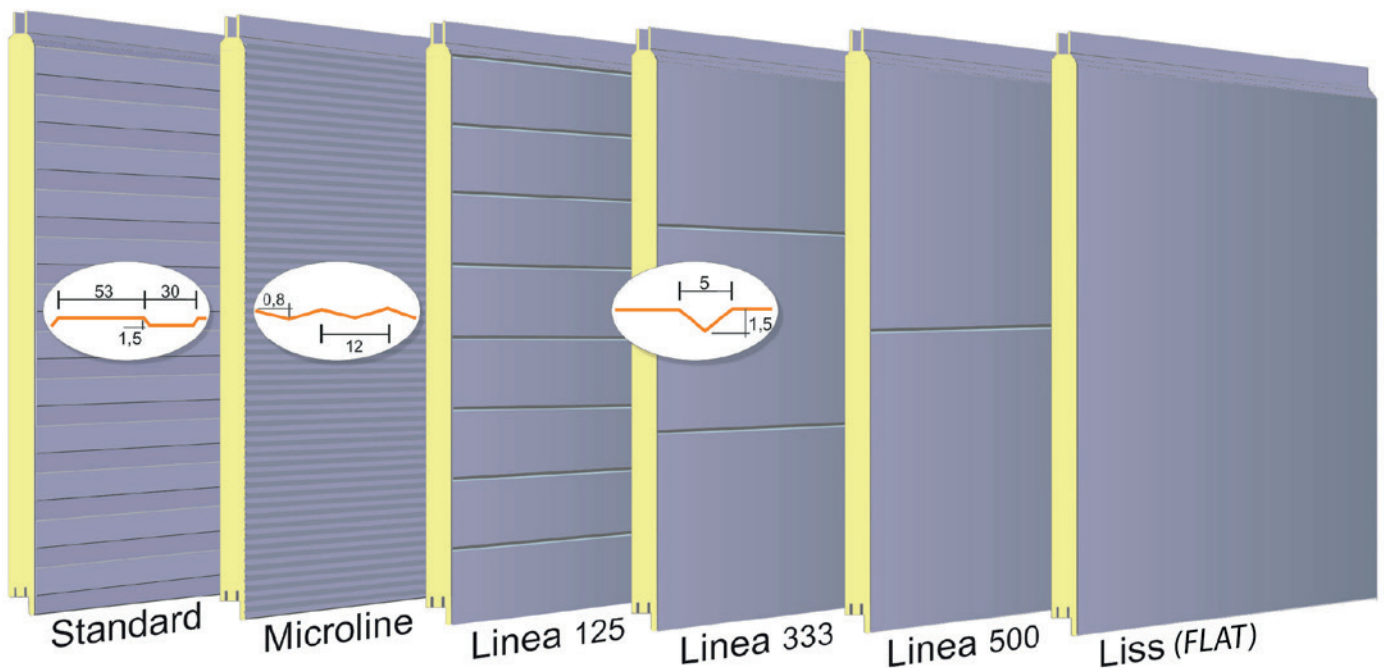


Promisol S1000 microline

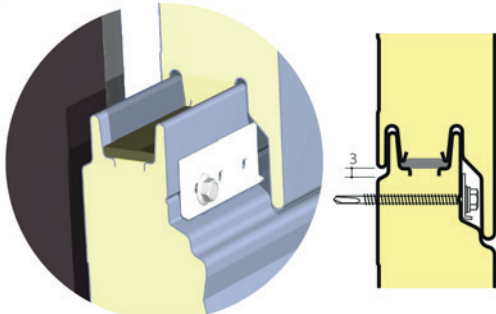


Ondatherm 1000TL

Promisol S 1000

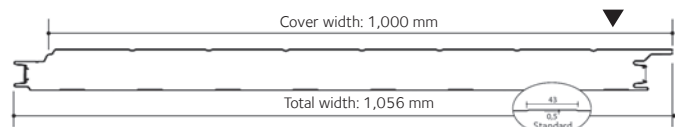


Junction

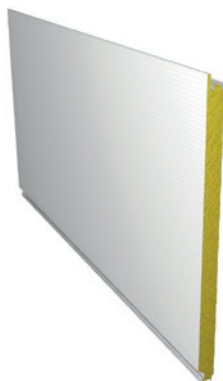


Technical data

Nominal core thickness (mm)	50	60	80	100	120	140	160
Weight (kg/m ²)	12.40	12.80	13.60	14.40	15.52	16.30	17.10
Thickness external sheet (mm)	0.63						
Thickness internal sheet (mm)	0.50						
Cover width (mm)	1000						
Coil width (mm)	1185						
Max. length (mm)	15000						
Min. length (mm)	200						
Insulation core	CFC-free PIR-Foam						
Fire classification	BS2d0						
Average acoustic performance (Rw)	20-25dB						
U-value U _c (W/m ² .K)	0,43	0,36	0,27	0,22	0,18	0,16	0,14
Other information	LPCB approved						

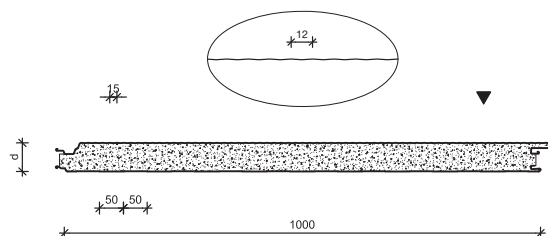


Promistyl Fire 3506 B/HB



Technical data

Nominal core thickness (mm)	60	80	100	120	150
Weight (kg/m ²)	16.60	18.80	20.30	22.30	25.40
Thickness external sheet (mm)	0.50 / 0.63 / 0.75				
Thickness internal sheet (mm)	0.50 / 0.63				
Cover width (mm)	1000				
Coil width (mm)	1160				
Max. length (mm)	12000				
Min. length (mm)	750				
Insulation core	Mineral wool Lamella				
Fire classification	A2s1d0				
U-value (W/m ² K) based on density 100kg/m ³	0,74	0,50	0,42	0,35	0,28
Other information	Secret fixed, available in standard, microline and flat				

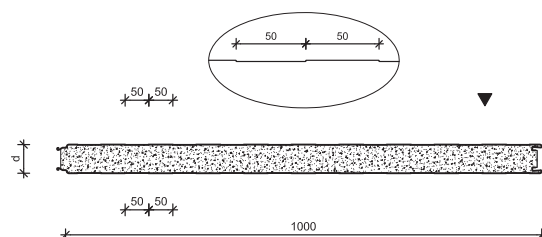


Promistyl Fire 3003 B/HB

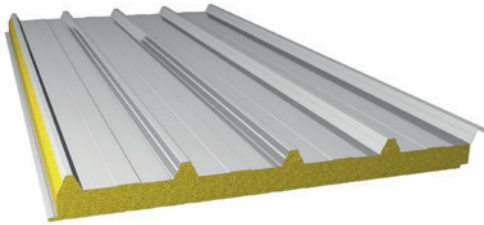


Technical data

Nominal core thickness (mm)	60	80	100	120	150	200
Weight (kg/m ²)	16.60	18.80	20.30	22.30	25.40	30.50
Thickness external sheet (mm)	0.50 / 0.63 / 0.75					
Thickness internal sheet (mm)	0.50 / 0.63					
Cover width (mm)	1000 / 1200					
Coil width (mm)	1065					
Max. length (mm)	15000					
Min. length (mm)	750					
Insulation core	Mineral wool Lamella					
Fire classification	A2s1d0					
U-value (W/m ² K) based on density 100kg/m ³	0,64	0,48	0,41	0,34	0,27	0,20
Other information	Visible fixed, available in standard, microline and flat					

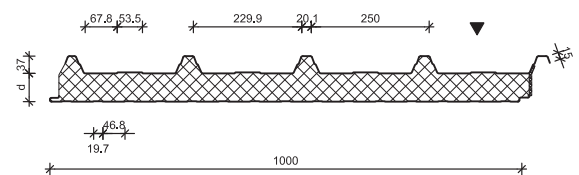


Ondatherm 1000 TL

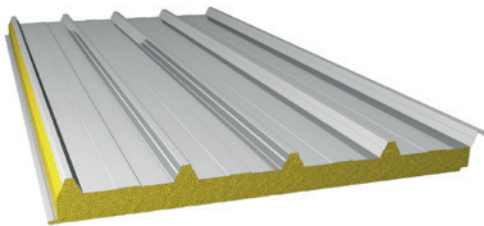


Technical data

Nominal core thickness (mm)	40	60	80	100	120	140	160
Weight (kg/m ²)	12.20	12.90	13.80	14.70	15.60	16.40	17.30
Thickness external sheet (mm)	0.63						
Thickness internal sheet (mm)	0.50						
Cover width (mm)	1000						
Coil width (mm)	1220						
Max. length (mm)	16000						
Min. length (mm)	200						
Insulation core	CFC-free PIR-Foam						
Cutback (mm)	100,150,200, not possible below 2500mm length						
U-value Up (W/m ² .K)	0,54	0,36	0,27	0,22	0,18	0,16	0,14
Other information	LPCB approved						

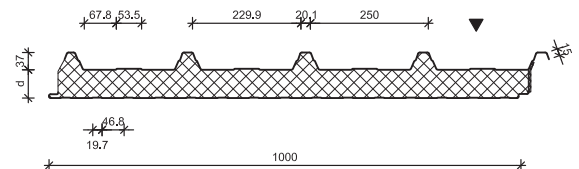


Ondatherm ECO

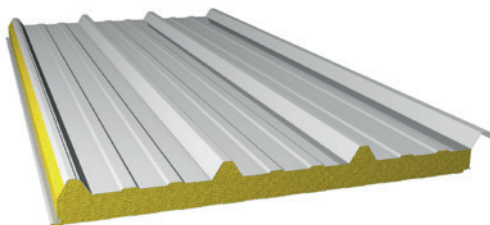


Technical data

Nominal core thickness (mm)	30	40	60
Weight (kg/m ²)	7.50	8.20	8.90
Thickness external sheet (mm)	0.45		
Thickness internal sheet (mm)	0.05 aluminium foil		
Cover width (mm)	1000		
Coil width (mm)	1220		
Max. length (mm)	15000		
Min. length (mm)	2200		
Insulation core	CFC-free PUR		
Cutback (mm)	100,150,200, not possible below 2500mm length		
Other information	No LPCB		

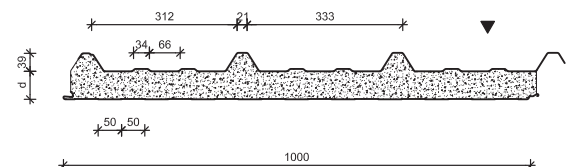


Mineral wool roofpanel Ondafire 3005T



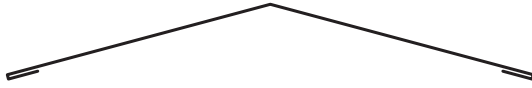
Technical data

Nominal core thickness (mm)	60	80	100	120	150
Weight (kg/m ²)	17.70	19.90	21.40	23.40	26.50
Thickness external sheet (mm)	0.63				
Thickness internal sheet (mm)	0.50 - 0.63				
Cover width (mm)	1000				
Coil width (mm)	1185				
Max. length (mm)	12000				
Min. length (mm)	750				
Insulation core	Mineral wool Lamella				
Fire classification	A2s1d0				
Cutback (mm)	> 80mm (cut without removal of the wool)				
U-value (W/m ² K) based on density 100kg/m ³	0,61	0,47	0,40	0,34	0,27
Other information					



▼ = standard coating side

Ridge Flashing



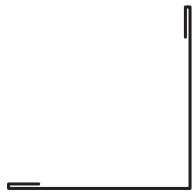
Verge Flashing



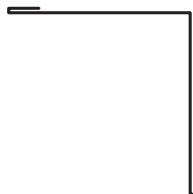
Profiled Verge Flashing



External Corner Flashing



Internal Corner Flashing



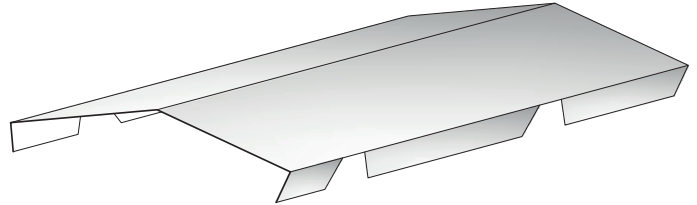
U-profile



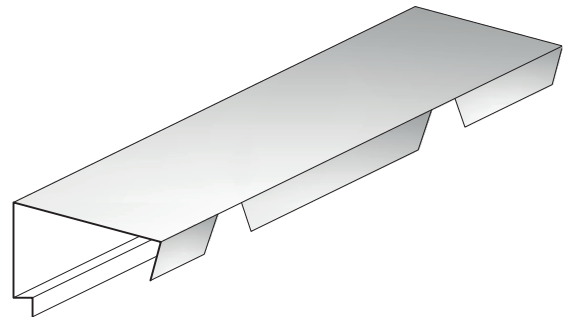
Omega-profile



Scalloped Ridge Flashing



Scalloped Mono Ridge Flashing



Cill Flashing



Z-profile



Finishes & Warranties

Material Coating –

Hairplus® - 25 Micron coating thickness
Hairultra® - 35 Micron coating thickness
Hairexcel® - 60 Micron coating thickness
Solano® 30 - 200 Micron Coating thickness.
The Solano® range of organic coated steels has been specially developed for roof and wall cladding applications in demanding situations – including industrial and coastal environments.

Other finishes are available on request.

The range of coatings available will give the specifier & client confidence that ArcelorMittal can supply a product for most projects requirements with a full range of colours & appealing aesthetic finishes.

The range utilizes metal substrate & coatings as per EN10346 standards with Organic coating as per EN10169.

Colour Range –

ArcelorMittal's Solano® range of organic coated steels are available in a rich diversity of colours & embossed patterns. This is one of the outstanding advantages of organic coated steel.

Colour cards & samples are available on request with British Standard or RAL numbers.

The full composite panel range can also be finished in the Hairexcel coating range which includes Metallic paint finishes.

Flashings are available to be supplied along with panels or can be sourced locally throughout the UK.

Certification –

ArcelorMittal composite panels using PIR foam have been fire tested to the Loss Prevention Council Standard LPCB with full UK Certification.

The PIR foam is CFC free.

Our range of Mineral wool panels has been tested to BS EN13501-1, Euroclass A2 S1 D0 with fire protection up to 2 hours. Details available on request.

Warranty –

ArcelorMittal composite panels give the customer complete peace of mind as the range of products comes with a warranty of up to 30 years subject to building location and local environmental conditions..

Simply complete a guarantee application form available on request.

Continental Decking Profiles Ltd

Suite 6, Enterprise House
Southbank Business Park
Kirkintilloch
Glasgow
G66 1XQ

Tel +44 (0) 141 5301485
Fax +44 (0) 141 5301486

iain@continentaldeckingprofiles.com
www.continentaldeckingprofiles.com

ArcelorMittal is the world's leading steel and mining company, with a presence in more than 60 countries and an industrial footprint in over 20 countries. ArcelorMittal Construction is active in innovative building solutions. We reserve the right to bring modifications to its products or to the content of this documentation without prior notice. Although this catalog has been prepared with the utmost care, we must draw attention to the fact that we cannot be held responsible for any error that might contain this information, as damage that may arise from any misinterpretation of the content.

All rights reserved. No part of this documentation may be reproduced in any form or by any means than without prior written permission from ArcelorMittal Construction.

February 2015