



Pddb-31-20112025-UK

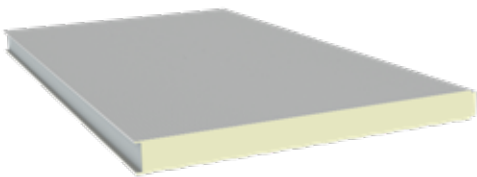
PRODUCT DATASHEET
UK

REX WALL VF 1000

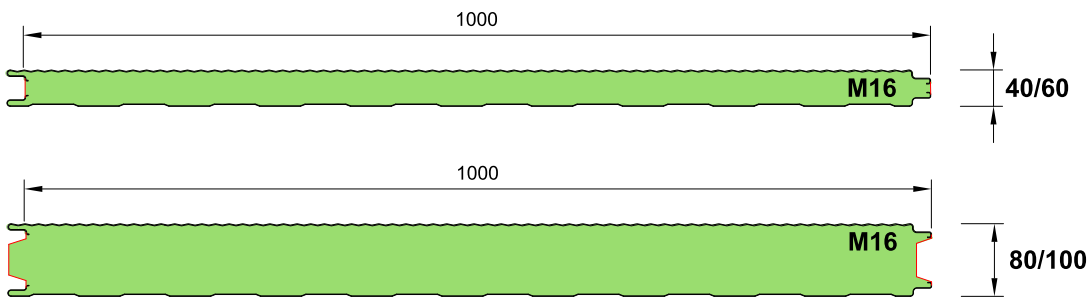


APPLICATIONS

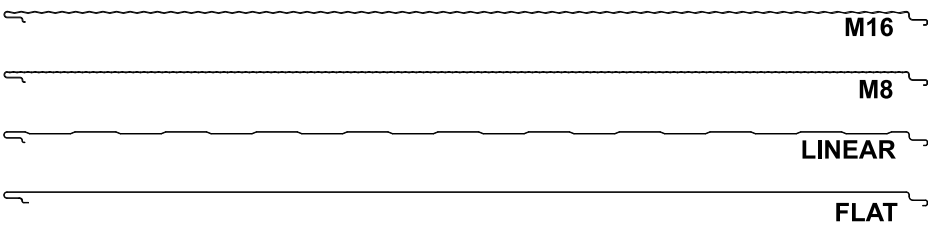
The REX WALL VF 1000 sandwich panel has steel inner and outer plates and is available in four different profiles (Flat, Lined, M16 and M8). This product comes standard with a PIR (Polyisocyanurate) rigid foam core material and is for both horizontal and vertical mounting and is visibly fixed.



SECTION



profiling options



PROPERTIES

Thickness [D]	Weight	U-Value	R-Value
[mm]	[kg/m²]	[W/m².k]	[m².k/W]
40	10,8	0,55	1,81
60	11,6	0,36	2,75
80	12,4	0,25	3,94
100	13,2	0,20	4,95

Fire

Property	Standard	Certification Standard	Result	Field of application
Reaction to Fire	EN ISO 11925-2:2010 (Ignitability)	EN 13501-1:2019 (Classification of reaction to fire)	B-s2,d0*	All thicknesses
	EN 13823:2020+A1:2022 (Reaction to fire tests for construction products)			
Fire resistance	EN 1364-1 (Determination of fire resistance)	EN 13501-2:2023 (classification of fire resistance)	EI30 (vertical installation)	≥ 100 mm (Subject to installation instructions)**
FM Approval	FM 4880 / FM 4881	FM 4880 / FM 4881	FM approved	≥ 40 mm***

*B-s1,d0 on request

**For more information/installation instructions, please contact REX Panels & Profiles.

***Valid for certain product specifications. For more information, please contact REX Panels & Profiles.



Environmental

For further information on environmental issues please contact the sales department of REX Panels & Profiles.

Air leakage

When correctly installed the air leakage of the REX WALL VF 1000 sandwich panels is approx. 2,7 m³/hour/m² @ 50 pa. Under normal environmental conditions this is tight enough to prevent condensation or unacceptable air leakage. If necessary (i.e. coldstore applications) the airtightness can be improved by gun applied sealing the panel to panel joints using silicon mastic.

Acoustic

Indicative air sound insulation (SRI) in [dB] for various frequencies [Hz]							
63	125	250	500	1000	2000	4000	8000
14	15	22	25	25	26	37	39
Sandwich PIR wallpanels have a weighted noise reduction of approx. 25 dB(A)							

MEASUREMENTS

Available lengths

Standard lengths	2500 to 13000 mm
Longer lengths*	13000 to 18000 mm
Shorter lengths*	Below 2500 mm

*Non-standard lengths are available on request and subjected to a surcharge

Orientation

Sandwich wall panels can be mounted both horizontally and vertically. Vertically both from left to right or from right to left. Horizontally, practically, only from the bottom up.

Tolerances

Length	L ≤ 3000 mm	-5 mm	+5 mm
	L > 3000 mm	-10 mm	+10 mm
Thickness	D ≤ 100 mm	-2 mm	+2 mm
	D > 100 mm	-2% D	+2%D
Cover width		-2 mm	+2 mm
Squareness		-6 mm	+6 mm

Other product- and materialtolerances according EN14509:2013

MATERIALS

Core material

The REX WALL VF 1000 sandwich panels are produced with a high quality PIR (Polyisocyanurate) core material with a density of 40 kg/m³.

External sheet

The profiled external sheet is standard available in the following materials and coating systems:

Coating*	Steel	Standard thicknesses**		
		0,4	0,5	0,6
REX SP 25	Galvanised Steel quality S280 GD or better	■	■	■
REX PUR 50				■
REX HP 200			■	■

*Available colors according standard colorchart which is available on request

■ = standard available

**Other coatings / thicknesses on request available

Internal sheet

The profiled internal sheet is standard available in the following materials and coating systems:

Coating*	Steel	Standard thicknesses**		
		0,4	0,5	0,6
REX SP 15	Galvanised Steel quality S250 GD or better	■	■	
REX SP 25		■	■	■
REX CF 35		■	■	
REX FS 150			■	

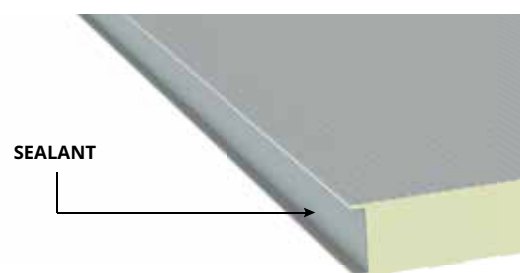
*Available colors according standard colorchart which is available on request

■ = standard available

**Other coatings / thicknesses on request available

Sealants

The REX WALL VF 1000 sandwich panel can optionally be provided with a compressible sealing strip in the joint. For more information, please contact REX panels & profiles (on the right an example for a 60 mm thick panel).



QUALITY AND GUARANTEE

Quality

The sandwich panels from REX Panels & Profiles carry CE marking in accordance with EN 14509:2013. The quality of our products is continuously tested in our in-house quality laboratory. The procedures are certified under an ISO 9001 system.

Certification

The REX WALL VF 1000 panels can be supplied including the following certificates / quality marks:



Garantee

On request, an extended warranty is available under certain conditions. Some coating systems offer an additional (longer) warranty on the durability of the outer and/or inner sheet. For more information or warranty conditions, please consult the website or contact our sales department.

PACKAGING AND TRANSPORT

Packaging

The REX WALL VF 1000 sandwich panels are packed on polystyrene blocks and fully wrapped in foil, resulting in solid and easy-to-handle bundles.

	Standard number of panels per pack			
Core thickness	40	60	80	100
Stacked interleaved	26	18	13	11

Transport

All deliveries are made via standard road transport to the construction site (maximum standard length 13000 mm). The trucks must be unloaded by the customer with suitable lifting equipment. Transport of longer lengths (up to 18000 mm) and / or self-unloaders is also possible on request.



CONTACT

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Terms and conditions available upon request



Location 1

Rue du Mont des Carliers, 4
7522 (Marquain) Tournai – Belgium



Location 2

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7503 (Froyennes) Tournai – Belgium



Location 3

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