

1. Unique identification of the product
SB 05 LR 100

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2. Product number
564365

3. Intended use of the product according to EN 14509:2013
Internal wall

4. Manufacturer identification
PANELCO SAS
Route de Chaveyriat
B.P. 10
01540 Vonnas

5. Attestation of conformity system
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6. The notified body
EFFECTIS n°1812
realized reaction to fire tests and delivered the reaction to fire classification report
EFR-23-001193-C

7. Declared performance

Essential characteristics and performance			European Standard
Panel and faces	Nominal thickness of the panel	50 mm	EN 14509
	Nominal thickness of the external face	0.6 mm	
	Nominal thickness of the internal face	0.6 mm	
	Metallic coating	Z225 / Z275 ZM140 / ZM100	
	Organic coating	Polyester 25 µm PVC 150 µm PET 50 µm PVDF 35 µm	
	Mass of the panel	15,45 kg/m²	
Steel	Tensile strength of the external face	S320GD	
	Tensile strength of the internal face	S320GD	
Core	Core	Mineral wool	
	Density of core material	100 kg/m³	
Durability	Durability	-	
	Cross panel tensile strength	0.02 MPa	
Mechanical resistance	Shear strength	0.03 MPa	
	Shear modulus	1.4 MPa	
	Shear strength after long-term loading (100 000 h)	-	
	Compressive strength	0.03 MPa	
	Creap coefficient (t= 2000 h)	-	
	Creap coefficient (t= 100 000 h)	-	
	Wrinkling strength of the external face in span	49.8 MPa	
	Wrinkling strength of the external face in span - high temperature	-	
	Wrinkling strength of the external face over a central support	-	
	Wrinkling strength of the external face over a central support - high temperature	-	
	Wrinkling strength of the internal face in span	49.8 MPa	
	Wrinkling strength of the internal face over a central support	-	
	Accessibility : maximum span (ceiling only)	-	
	Repeated access load	-	
Thermal insulation performance	Thermal conductivity of the core λ	0.038 W/(m.K)	Report n° EFR-23-001193-C
	Thermal transmittance U _d	0.773 W/(m².K)	
Fire	Reaction to fire	A2-s1,d0	EN 14509
	Fire resistance	NPD	
Permeability	Air permeability	Air proof	
	Water permeability	Water proof	
Acoustic	Water vapour permeability	Vapour proof	REACH
	Airborne sound insulation	R _w = 26 (-2; -4) dB	
Environnement	Sound absorption	NPD	EN 14509
	Substances of very high concern according to REACH	No	
	Regulated hazardous substances emission	(a)	

(a) Faces in contact with the interior air shall not emit regulated hazardous substances exceeding the maximum permitted levels specified in the European or national regulations. European test methods are being developed. An informative database of European and national provisions relating to controlled substances can be found on the EUROPA website, accessible at the following address:
https://ec.europa.eu/growth/tools-databases/cp-ds_en

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Vonnas, 24/03/2025

Mr Guillaume SIROLI

