

1. Unique identification of the product

MF 06

Index d

2. Product number

500001

3. Intended use of the product according to EN 14509

Internal and external wall and ceiling

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 bodies

 CSTB n°0679 APPLUS n°0370
 realized reaction to fire tests and delivered the reaction to fire classification report
 RA10-0360 13/6636-2405
 RA10-0047

7. Declared performance

Essential characteristics and performance			European Standard
Panel and faces	Thickness of panel	60 mm	EN 14509
	Thickness of external face	0.6 mm	
	Thickness of internal face	0.6 mm	
	Mass of the product	12.05 kg/m ²	
Steel	Tensile strength of external face	S320GD	
	Tensile strength of internal face	S320GD	
Core	Core	Polyurethane	
	Density of core material	40.37 kg/m ³	
Durability	Durability	Pass	
Mechanical resistance	Cross panel tensile strength	0.05 MPa	
	Shear strength	0.04 MPa	
	Shear modulus	3.07 MPa	
	Shear strength after long-term loading (100 000 h)	-	
	Compressive strength	0.1 MPa	
	Creep coefficient t= 2000 h	-	
	Creep coefficient t= 100 000 h	-	
	Bending moment capacity (+) in span	3.628 kN.m/m	
	Bending moment capacity (+) in span - high temperature	3.064 kN.m/m	
	Bending moment capacity (-) in span	3.628 kN.m/m	
	Bending moment capacity (-) in span - high temperature	3.064 kN.m/m	
	Bending moment capacity (+) over a central support	1.468 kN.m/m	
	Bending moment capacity (+) over a central support - high temperature	1.24 kN.m/m	
	Bending moment capacity (-) over a central support	1.468 kN.m/m	
	Bending moment capacity (-) over a central support - high temperature	1.24 kN.m/m	
	Wrinkling strength of the external face in span	109.9 MPa	
	Wrinkling strength of the external face in span - high temperature	92.8 MPa	
	Wrinkling strength of the external face over a central support	41.8 MPa	
	Wrinkling strength of the external face over a central support - high temperature	35.3 MPa	
	Wrinkling strength of the internal face in span	109.9 MPa	
Wrinkling strength of the internal face over a central support (douilles)	93.5 MPa		
Wrinkling strength of the internal face over a central support (inserts)	70.7 MPa		
Accessibilité	a		
Thermal insulation performance	Conductivité thermique λ	0.032 W/(m.K)	
	Conductibilité thermique U	0.50 W/(m ² .K)	
Fire	Reaction to fire, polyester 25 µm lacquer, NI01 foam	B-s2-d0	Report n° RA10-0360
	Reaction to fire, PET 55 µm lacquer, NI01 foam	B-s3-d0	Report n° RA10-0047
	Reaction to fire, polyester 25 µm or PET 55 µm lacquer, NI02 foam	B-s3-d0	Report n° 13/6636-2405
Permeability	Fire resistance	NPD	EN 14509
	Air permeability	NPD	
	Water permeability	NPD	
Acoustic	Water vapour permeability	NPD	
	Airborne sound insulation	NPD	
Dimensional tolerances	Sound absorption	NPD	
	Dimensional tolerances	NPD	
Environnement	Regulated hazardous substances emission	(a)	EN 14509

(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:

http://ec.europa.eu/enterprise/construction/internal/dangsub/dangmain_en.htm

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. 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, 27/10/2014

Mr. Bruno Curial



S.A.S. PANELCO

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