

1. Unique identification of the product

MF 06

Index j

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	16/12578-1192

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	12.1 kg/m2		
Steel	Tensile strength of external face	S320GD		
	Tensile strength of internal face	S320GD		
Core	Core	Polyurethane		
	Density of core material	40.37 kg/m3		
Durability	Durability	Pass		
Mechanical resistance	Cross panel tensile strength	0.05 MPa		
	Shear strength	0.04 MPa		
	Shear modulus	2 MPa		
	Shear strength after long-term loading (100 000 h)	0.016 MPa		
	Compressive strength	0.1 MPa		
	Creap coefficient t= 2000 h	1.72		
	Creap coefficient t= 100 000 h	2.45		
	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		
Thermal insulation performance	Accessibilité	a		
	Caracteristic mesured thermal conductivity λ	0.024 W/(m.K)		
	Caracteristic mesured heat transfer coefficient Ud	0.38 W/(m2.K)		
	Declared thermal conductivity λ (according to French technical file DTA 2.1/13-1590_v1)	0.032 W/(m.K)		
Fire	Declared heat transfer coefficient Ud (according to French technical file DTA 2.1/13-1590_v1)	0.50 W/(m2.K)		
	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
	Reaction to fire, polyester 25 µm or PET 55 µm lacquer, NI03 foam	B-s3-d0	Report n°	16/12578-1192
Permeability	Fire resistance	NPD	EN 14509	
	Air permeability	NPD		
	Water permeability	NPD		
Acoustic	Water vapour permeability	NPD		
	Airborne sound insulation	NPD		
Dimensionnall tolerances	Sound absorption	NPD		
	Dimensionnall tolerances	NPD		
Environnement	Substances of very high concern according to REACH	No	REACH	
	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:

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, 05/09/2019

Mr. Philippe Calland

