

1. Unique identification of the product

MF 08

Index c

2. Product number

500007

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 | 80 mm | EN 14509 |
| | Thickness of external face | 0.6 mm | |
| | Thickness of internal face | 0.6 mm | |
| | Mass of the product | 12.7 kg/m ² | |
| Steel | Tensile strength of external face | S320GD | |
| | Tensile strength of internal face | S320GD | |
| Core | Core | Polyurethane | |
| | Density of core material | 38.45 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) | 0.016 MPa | |
| | Compressive strength | 0.1 MPa | |
| | Creap coefficient t= 2000 h | 1.72 | |
| | Creap coefficient t= 100 000 h | 2.45 | |
| | 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 | 0.38 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 |
| | Fire resistance | NPD | |
| Permeability | Air permeability | NPD | EN 14509 |
| | Water permeability | NPD | |
| | Water vapour permeability | NPD | |
| Acoustic | Airborne sound insulation | NPD | |
| | Sound absorption | NPD | |
| Dimensional tolerances | Dimensional tolerances | NPD | |
| Environnement | Regulated hazardous substances emission | (a) | EN 14509 |

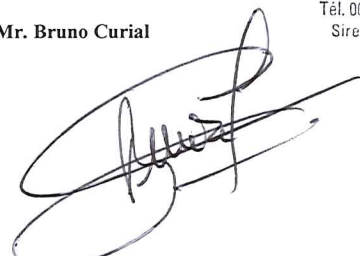
(a) Faces in contact with the interior air shall not emit regulated hazardous substances exceeding the maximum permitted levels specified in the European or national regulations. European test methods are being developed. An informative database of European and national provisions relating to controlled 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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