PLASTEUROP
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# Declaration of performance CE

DoP n° : 564306

1. Unique identification of the proudct
**SB 06 LR**

Index **d**

2. Product number
**564306**

3. Intended use of the product according to **EN 14509**
**Internal wall and ceiling**

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

5. Attestation of conformity system
**3**

6. The notified body
**CSTB n°0679**
realized reaction to fire tests and delivered the reaction to fire classification report
**RA12-0108**

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 | 18.60 kg/m2 | |
| Steel | Tensile strength of external face | S320GD | |
| | Tensile strength of internal face | S320GD | |
| Core | Core | Mineral wool | |
| | Density of core material | 130 kg/m3 | |
| Durability | Durability | NPD | |
| Mechanical resistance | Cross panel tensile strength | 0.02 MPa | |
| | Shear strength | 0.03 MPa | |
| | Shear modulus | 2.5 MPa | |
| | Shear strength after long-term loading (100 000 h) | 0.012 MPa | |
| | Compressive strength | 0.05 MPa | |
| | Creap coefficient t= 2000 h | 0.65 | |
| | Creap coefficient t= 100 000 h | 0.74 | |
| | Bending moment capacity (+) in span | 3.089 kN.m/m | |
| | Bending moment capacity (+) in span - high temperature | - | |
| | Bending moment capacity (-) in span | 3.089 kN.m/m | |
| | Bending moment capacity (-) in span - high temperature | - | |
| | Bending moment capacity (+) over a central support | 2.151 kN.m/m | |
| | Bending moment capacity (+) over a central support - high temperature | - | |
| | Bending moment capacity (-) over a central support | 2.063 kN.m/m | |
| | Bending moment capacity (-) over a central support - high temperature | - | |
| | Wrinkling strength of the external face in span | 77.6 MPa | |
| | Wrinkling strength of the external face in span - high temperature | - | |
| | Wrinkling strength of the external face over a central support | 63.6 MPa | |
| | Wrinkling strength of the external face over a central support - high temperature | - | |
| | Wrinkling strength of the internal face in span | 77.6 MPa | |
| | Wrinkling strength of the internal face over a central support | 64.1 MPa | |
| | Acessibility | a | |
| Thermal insulation performance | Thermal conductivity of the core | 0.041 W/(m.K) | |
| | Thermal transmittance | 0.623 W/(m2.K) | |
| Fire | Reaction to fire | A2-s1-d0 | Report n° RA12-0108 |
| | Fire resistance | NPD | EN 14509 |
| Permeability | Air permeability | NPD | |
| | Water permeability | NPD | |
| | Water vapour permeability | NPD | |
| Acoustic | Airborne sound insulation | NPD | |
| | Sound absorption | NPD | |
| Dimensionnal tolerances | Dimensionnal 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:

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, 29/07/2016

Mr. Bruno Curial

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