DUROPAL | thermopal

PFLEIDERER

# Declaration of Conformity – Ref.No 444670

In compliance with the Construction Products Regulation and The Construction Products (Amendment etc.) (EU Exit) Regulations 2020.

| | |
|---|---|
| 1. Identification code of product-type | LivingBoard P4 – 444670 |
| 2. Intended use | Load-bearing boards for use in dry conditions. |
| 3. Manufacturer | Pfleiderer Deutschland GmbH, Ingolstädter Str. 51, D – 92318 Neumarkt |
| 4. Authorised representative | not relevant |
| 5. System of assessment and verification | System 2+ |
| 6. Assessment of performance | This Certificate attests that all provisions concerning the assessment and verification of constancy of performance described in the EN: BS EN 13986:2004 + A1 2015 under system 2+ for the performances set out in the certificate UK 0836-CPR-22/F6272 are applied and that the factory production control fulfils all the prescribed requirements for these performances. |
| 7. European Technical Assessment | not relevant |

8. Declared performance

| Thickness | | > 10 mm to ≤ 13 mm | > 13 mm to ≤ 20 mm | > 20 mm to ≤ 25 mm | > 25 mm to ≤ 32 mm | > 32 mm to ≤ 40 mm | > 40 mm | *Harmonised technical specification* |
|---|---|---|---|---|---|---|---|---|
| *Essential characteristics/main features* | *Unit* | *Declared performance* | | | | | | |
| Strength, tension (ft) | N/mm² | 8.9 | 7.9 | 6.9 | 6.1 | 5.0 | 4.4 | EN 13986:2004 +A1:2015 |
| Strength, compression (fc) | N/mm² | 12.0 | 11.1 | 9.6 | 6.1 | 7.6 | 6.1 | |
| Strength, bending (fm) | N/mm² | 14.2 | 12.5 | 10.8 | 9.2 | 7.5 | | |
| Stiffness, panel shear (fv) | N/mm² | 6.6 | 6.1 | 5.5 | 4.8 | 4.4 | 4.2 | |
| Stiffness, planar shear (fr) | N/mm² | 1.8 | 1.6 | 1.4 | 1.2 | 1.1 | 1.0 | |
| Punching shear as point load strenght | | NPD | | | | | | |
| Punching shear as point load stiffness | | NPD | | | | | | |
| Racking resistance | | NPD | | | | | | |
| Impact resistance | | NPD | | | | | | |
| Reaction to fire | | D-s2,d0 conforming to EN 13986 dependent on end use (Thickness: ≥ 9 mm / Gross density: ≥ 600 kg/m³) | | | | | | |
| Water vapour permeability, wet cup µ | | 50 | | | | | | |
| Water vapour permeability, dry cup µ | | 100 | | | | | | |
| Class, formaldehyde release | | E1 E05 | | | | | | |
| Release (Content), pentachlorophenol (PCP) | mg/kg | < 3 | | | | | | |
| Airborne sound insulation (surface mass) | | NPD | | | | | | |
| Sound Absorption frequency range 250 Hz to 500 Hz | | 0.1 | | | | | | |
| Sound Absorption frequency range 1000 Hz to 2000 Hz | | 0.25 | | | | | | |
| Thermal conductivity (density) | W/(mK) | 0.12 | | | | | | |
| Embedment strength | | NPD | | | | | | |
| Air permeability | | NPD | | | | | | |
| Internal bond | N/mm² | 0.4 | 0.35 | 0.3 | 0.25 | 0.2 | | |
| Swelling in thickness, 24 h | % | 16 | 15 | | | 14 | NPD | |
| Internal bond after boil test | | NPD | | | | | | |
| Factor of modification (kmod) | | NPD | | | | | | |
| Factor of distortion (kdef) | | NPD | | | | | | |

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This Declaration of Conformity is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:

Date of issue: 2026-09-01

i. V. Claus Seemann
Head of productmanagement core materials
(Document was created electronically and is therefore valid without signature!)

NPD: performance not defined