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Declaration of Conformity – Ref.No 446340

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

1. Identification code of product-type	PremiumBoard P6 DB – 446340
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

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8. Declared performance

	Thickness	> 13 mm to ≤ 20 mm	> 20 mm to ≤ 25 mm	> 25 mm to ≤ 32 mm	> 32 mm to ≤ 37 mm	38 mm	> 38 mm to ≤ 40 mm	> 40 mm	*Harmonised technical specification*
Essential characteristics/main features	*Unit*	*Declared performance*							
Strength, tension (ft)	N/mm²	9.5	8.5	8.3	7.8			7.5	EN 13986:2004 +A1:2015
Strength, compression (fc)	N/mm²	13.3	12.8	12.2	11.9			10.4	
Strength, bending (fm)	N/mm²	15.0	13.3	12.5	11.7	15.0	11.7	10.0	
Stiffness, panel shear (fv)	N/mm²	7.3	6.8	6.5	6.0			5.5	
Stiffness, planar shear (fr)	N/mm²	1.7							
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 according to EN 13986 dependent on end use (Thickness: ≥ 9 mm / Gross density: ≥ 600 kg/m³)							
Water vapour permeability, wet cup μ		15							
Water vapour permeability, dry cup μ		50							
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	0.5	0.4	0.35	0.3			0.25	
Swelling in thickness, 24 h		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: 2024-05-07

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

NPD: performance not defined