DUROPAL | thermopal

PFLEIDERER

Declaration of Performance (CE) – Ref.No 5315

acc. to REGULATION (EU) No 305/2011 Article 4

1.	Identification code of product-type	PremiumBoard Vapor P5 – 5315
2.	Intended use	Load-bearing boards for use in humid 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	The notified body Fraunhofer-Institut für Holzforschung Wilhelm-Klauditz-Institut WKI, Riedenkamp 3, 38108 Braunschweig, Deutschland has issued the certificate 0765-CPR-1257 (P5) about the product conformity according system 2+ based on the following: The certificate confirms, that all provisions concerning assessment and surveillance of the continuous performance described in annex ZA of the harmonized standard EN 13986:2004+A1:2015 according system 2+ are applied and that the factory production control fulfills all in it stipulated requirements.
7.	European Technical Assessment	not relevant

8. Declared performance

		Thickness 12 mm to 13 mm	*Harmonised technical specification*
Essential characteristics/main features	*Unit*	*Declared performance*	
Strength, tension (ft)	N/mm²	9.4	EN 13986:2004 +A1:2015
Strength, compression (fc)	N/mm²	12.7	
Strength, bending (fm)	N/mm²	15.0	
Stiffness, panel shear (fv)	N/mm²	7.0	
Stiffness, planar shear (fr)	N/mm²	1.9	
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		300	
Water vapour permeability, dry cup µ		600	
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 - 50 Pa	m³/(m²*h)	0	
Internal bond	N/mm²	0.45	
Swelling in thickness, 24 h	%	11	
Internal bond after boil test	N/mm²	0.15	
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 performance 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