Declaration of Performance – Ref.No 1900

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

1.	Identification code of product-type	MDF.RWH StyleBoard MDF.RWH - 1900
2.	Intended use	Boards for use in rigid underlays in roofing and walls
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	TPC 18
7.	European Technical Assessment	not relevant

8. Declared performance

Essential characteristics/main features	Unit	Thickness > 12 mm to ≤ 20 mm — Declared performance	Harmonised technical specification
Strength, tension (ft)	N/mm²	8.0	EN 13986:2004 +A1:2015
Strength, compression (fc)	N/mm²	7.7	
Strength, bending (fm)	N/mm²	13.6	
Stiffness, panel shear (fv)	N/mm²	4.6	
Stiffness, planar shear (fr)		NPD	
Punching shear as point load strenght		NPD	
Punching shear as point load stiffness		NPD	
Racking resistance		NPD	
Impact resistance		NPD	
Reaction to fire		NPD	
Water vapour permeability, wet cup µ		12	
Water vapour permeability, dry cup µ		12	
Class, formaldehyde release		E1 E05	
Release (Content), pentachlorophenol (PCP)		NPD	
Airborne sound insulation (surface mass)		NPD	
Sound Absorption frequency range 250 Hz to 500 Hz		NPD	
Sound Absorption frequency range 1000 Hz to 2000 Hz		NPD	
Thermal conductivity (density)	W/(mK)	0.1	
Embedment strength		NPD	
Air permeability		NPD	
Internal bond	N/mm²	0.3	
Swelling in thickness, 24 h	%	10	
Internal bond after boil test	N/mm²	0.06	
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: 2022-12-06

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

NPD: performance not defined