

Declaration of Performance

Smartpanel interior boards Nr. 001/SP-DoP-2020/rev.2

1. Unique identification code of product category: Smartpanel MDF 6-11 mm
2. Type of product: Smartpanel wall and ceiling, painted or unpainted
3. Tracking: Production time and date applied on the backside of the product
4. Area of use: Medium density fibre boards for general use in in dry conditions
5. Manufacturer: Smartpanel AS, Habornveien 50, 1630 Gamle Fredrikstad, Norway
6. System for the assessment and control of construction works constant performance : System 4
7. Harmonized standard: SS-EN 13986:2004
8. Relevant performance in the application

Property	Value	Unit	Test method	Classification standard
Swelling in thickness, 24 t	15	%	SS-EN 317	SS-EN 13986
Internal bond	0,6	N/mm ²	SS-EN 319	
Bending strength	22	N/mm ²	SS-EN 310	
Dimensional stability, (30-90 % RH)	≤ 0,3	%	SS-EN 318	
Surface hardness, 250 N	0,4	mm	NT Build 059	
Fire class	D - s2, d0		SS-EN 13501-1	
Emission of formaldehyde, 28 d	0,004	mg/m ² ·h	ISO 16000-9:2006	
TVOC- emission, 28 d	0,032	mg/m ² ·h	ISO 16000-9:2006	
Screw extension	1,45 kN		SS-EN 320	
Modulus of elasticity	2500	N/mm ²	SS-EN 310	
Sound absorption coefficient	0,10 - 0,25		SS-EN 20354	SS-EN 13986
Thermal conductivity, λ	0,14	W (m·K)		
Class of formaldehyde	E1			

9. The performance of this product, as specified in section 1 and 2, is in accordance with the requirements of properties specified in the table in section 8.
The performance statement is issued on the sole responsibility of the manufacturer, as defined in section 5.

Signed for and on behalf of the manufacturer:

Gamle Fredrikstad, 19.05.2020

(place and date of publication)


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Production manager