

DECLARATION of PERFORMANCE.

Ref. no.: YT- 02.

1. Product name: **22 mm Forestia Wall Standard P2 / Forestia 3 Wall Standard P2.
12 mm Forestia Wall Ekstra P5 / Forestia 3 Wall Ekstra P5.
16 mm Forestia Wall Ekstra P5.**
2. Product type : Wall Standard P2: **Particleboard type: NS-EN 312 P2.**
Wall Ekstra P5: **Particleboard type: NS-EN 312 P5.**
3. Intended use: Type P2: **Boards for interior fitments for use in dry conditions.**
Type P5: **Load bearing boards for for use in humid conditions.**
4. Manufacturer: **Forestia AS, 2435 Braskereidfoss, Norway.**
5. System of attestation of conformity: **System 2+**
6. Harmonized standard: **NS-EN 13986:2004+A1:2015**
Accredited laboratorium: **Norsk Treteknisk Institutt, identification no. 1070.**

7. Declared performance:

Essential characteristics:	Performance:			Harmonized technical specification:
	12 mm Wall Standard, P2	12 mm Wall Ekstra, P5	16 mm Wall Ekstra, P5	
Bending strength	11MPa	18 MPa	16 MPa	NS-EN 13986:2004 +A1:2015
Modulus of elasticity	0,40 MPa	2550 MPa	2400 MPa	
Internal bond		0,45 MPa	0,45 MPa	
Thickness swelling		11 %	10 %	
Moisture resistance after cyclic test:				
- Thickness swelling		12 %	12 %	
- Internal bond		0,25 MPa	0,22 MPa	
Reaction to fire:	D-s2, d0			
Airborne sound insulation	NPD			
Sound absorption, frequency 250-500 Hz	0,10			
” ” frequency 1000-2000 Hz	0,25			
Water vapor permeability μ , wet / dry cup	15 / 50			
Thermal conductivity, W/(m K)	0,15			
Biological durability	NPD			
Content of pentachlorophenol (PCP)	<5 ppm			
Formaldehyde potential	Class E1			

NPD = No performance declared

8. The performance of the product identified in points no. 1 and 2 are in conformity with the declared performance in point no. 7.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point no. 4.

Signed for and on behalf of Forestia AS by:

Vegard Grønnerud, Quality Manager
Name Function.



Braskereidfoss, 02.07.2018

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Signature