

DECLARATION of PERFORMANCE.

Ref. no.: YT- 11.

1. Product name: **22 mm Forestia Soundreduction Flooring Board P5/P6.**
2. Product type : Flooring Board Ekstra P5/P6: **Particleboard type: NS-EN 312 P5/P6**
3. Intended use: Type P5/P6: **Heavy duty load bearing boards for use in humid conditions.**
4. Manufacturer: **Forestia AS, 2435 Braskereidfoss, Norway.**
5. System of attestation of conformity: **System 2+**
6. Harmonised standard: **NS-EN 13986:2004**
Accredited laboratory: **Norsk Treteknisk Institutt, identification no. 1070.**

7. Declared performance:

Essential characteristics:	Performance:		Harmonized technical specification:
	22 mm Forestia Flooring Board P5/P6		
Bending strength	16 MPa		NS-EN 13986:2004
Modulus of elasticity	2550 MPa		
Internal bond	0,40 MPa		
Thickness swelling	≤10 %		
Moisture resistance after cyclic test:			
- Thickness swelling	≤11 %		
- Internal bond	0,20 MPa		
<u>Strength and stiffness for structural use for finished flooring construction:</u>			
-Static point load	Passed		
-Dynamic loading	Passed		
Reaction to fire:	D _{FL} - s1		
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)	0,12		
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:

Hans Kristian Eig, Quality Manager
Name Function.



Braskereidfoss, 24.11.2015

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Underskrift.