FORESTIA

DECLARATION of PERFORMANCE. Ref. no.: YT– 08.

1. Product name: **22 mm Forestia Thermoflooring Standard P6.**
25 mm Forestia Thermoflooring Ekstra P5/P6.

2. Product type : Flooring Board Standard P6: **Particleboard type: NS-EN 312 P6**
Flooring Board Ekstra P5/P6: **Particleboard type: NS-EN 312 P5/P6**

3. Intended use: Type P6: **Heavy duty load bearing boards for use in dry conditions.**
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+A1:2015**
Accredited laboratorium: **Norsk Treteknisk Institutt, identification no. 1070.**

7. Declared performance:

Essential characteristics:	**Performanse:**		**Harmonized technical specification:**
	22 mm Forestia Thermoflooring Standard, P6	**25 mm Forestia Thermoflooring Ekstra, P5/P6**	
Bending strength Modulus of elasticity Internal bond Thickness swelling Moisture resistance after cyclic test: - Thickness swelling - Internal bond	16 MPa 2550 MPa 0,40 MPa ≤15 %	16 MPa 2550 MPa 0,40 MPa ≤10 % ≤11 % 0,20 MPa	NS-EN 13986:2004 +A1:2015
Strength and stiffness for structural use: -Static point load -Dynamic loading	 Passed Passed	 Passed Passed	
Reaction to fire:	D_{FL}- s1	D_{FL}- s1	
Airborne sound insulation	NPD	NPD	
Sound absorption, frequency 250-500 Hz	0,10	0,10	
” ” frequency 1000-2000 Hz	0,25	0,25	
Water vapor permeability µ, wet / dry cup	15 / 50	15 / 50	
Thermal conductivity, W/(m K)	0,13	0,13	
Biological durability	NPD	NPD	
Content of pentachlorophenol (PCP)	<5 ppm	<5 ppm	
Formaldehyde potential	Class E1	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, 01.04.2020 ……
Signature.