

## **DECLARATION of PERFORMANCE.**

**Ref. no.: YT- 21.**

1. Product name: **9 mm Forestia Ekstra P3**
2. Product type : Ekstra P3: **Particleboard type: NS-EN 312 P3.**
3. Intended use: Type P3: **Boards for use in humid conditions.**
4. Manufacturer: **Forestia AS, 2435 Braskereidfoss, Norway.**
5. System of attestation of conformity: **System 4**
6. Harmonized standard: **NS-EN 13986:2004+A1:2015**

7. Declared performance:

Declared performance:			
Essential characteristics:	Performance:		Harmonized technical specification:
	9 mm Ekstra, P3		
Bending strength	15 MPa	NS-EN 13986:2004 +A1:2015	
Modulus of elasticity	2050 MPa		
Internal bond	0,40 MPa		
Thickness swelling	17 %		
Moisture resistance after cyclic test:			
- Thickness swelling	14 %		
- Internal bond	0,15 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 $\mu$ , wet / dry cup	15 / 50		
Thermal conductivity, W/(m K)	0,13		
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, 14.09.2022

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Signature