

DECLARATION of PERFORMANCE.

Ref. no.: YT- 18.

1. Product name: **Forestia eliteX 12 mm**
2. Product type : **Particleboard type: NS-EN 312 P7.**
3. Intended use: **Load bearing boards 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 labororium: **Norsk Treteknisk Institutt, identification no. 1070.**

7. Declared performance:

Essential characteristics:	Performance:		Harmonized technical specification:
	12mm P7 eliteX		
Bending strength	22 MPa		NS-EN 13986:2004 +A1:2015
Modulus of elasticity	3350 MPa		
Internal bond	0,75 MPa		
Thickness swelling 24h	10 %		
Moisture resistance after cyclic test:			
- Thickness swelling	11 %		
- Internal bond	0,41 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, 01.04.2020

.....
Signature