

## PDS – Product Data Sheet - FORESTIA AS

<b>Product: Forestia Flooring P6</b>	April 2020
Supplier	<b>FORESTIA AS</b>
Address	<b>N-2435 Braskereidfoss</b>
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	Dimension	Boards per pallet each	Net area per board m <sup>2</sup>	Weight pr pallet kg
Standard quality	22x620x2420	31	1,44	727
Standard quality *	18x620x1820	35	1,08	492
Standard quality.	22x620x1820	31	1,08	548

\*Requires parquet flooring.

**Quality assurance:** Forestia`s particleboard manufacturing plants are certified in accordance with NS-EN ISO 9001. The products is CE marked. Altogether, this ensures high and consistent quality.

<b>Product description</b>	18 og 22 mm thick, sanded particleboard with tounge and groove on all 4 sides.
<b>Area of application</b>	Flooring boards for use in dry conditions (Climat class 1, NS-EN 1995-1-1), as load bearing boards on joists, or as floating floor on an existing, load bearing floor.
<b>Components</b>	Approx. 84 % timber, approx 9 % UF-glue with cas.nr 9011-11-6, approx 7 % water.
<b>Cleaning/maintenance</b>	The boards will always be covered by other material/ parquet/ floor covering

### Mechanical properties:

The boards are produced according to NS EN 312 P5/6

	<b>22mm</b>	<b>18mm</b>
Bending strength:	16 MPa	18 MPa
Tensile strength :	0,4 MPa	0,5 MPa
Modulus of elasticity:	2550 MPa	3000 MPa

<b>Product characteristics</b>	
Density	Approx 700 kg/m <sup>3</sup>
Thermal conductivity	$\lambda_p = 0,13$ W/mK
Fire resistance	D <sub>FL-s1</sub>
Moisture resistance	Field of use: Climate class 1 (NS-EN 1995 -1-1, Eurocode 5).
Formaldehyde class	Class E1 ( $\leq 8$ mg pr 100g oven dry board)
Durability	Lifetime of entire house.
Environment	The product is made from virgin wood, free from PCBs. Formaldehyde emission in accordance with the most stringent class of the current European standard. Manufactured in a factory certified in accordance with NS-EN ISO 14001/PEFC and ®FSC. (FSC-C124500).
Storing	Primarily dry storing indoors in unopened packaging. For outdoor storage see installation guide.
Reference	Installation guide. Sintef Technical approval nr. 2201 Sintef Technical approval nr. 2280