

PDS – Product Data Sheet - FORESTIA AS

Product: Forestia Flooring Ekstra P5	January 2018
Supplier	FORESTIA AS
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	Dimension	Boards per pallet <i>each</i>	Net area per board <i>m²</i>	Weight pr pallet <i>kg</i>
Ekstra kval.	22x620x1820	31	1,08	548
Ekstra kval.	22x620x2420	31	1,44	720
Ekstra kval. *	18x620x1820	37	1,08	520

*Requires parquet flooring.

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

Product description	18 og 22 mm thick, sanded particleboard with tounge and groove on all 4 sides.
Area of application	Flooring boards for use in humid conditions (Climat class 2, NS-EN 1995-1-1), as load bearing boards on joists, or as floating floor on an existing, load bearing floor.
Components	Approx. 84 % timber, approx 9 % UF-glue with cas.nr 9011-11-6, approx 7 % water.
Cleaning/maintenance	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

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

Product characteristics	
Density	Approx 700 kg/m ³
Thermal conductivity	$\lambda_p = 0,12 \text{ W/mK}$
Fire resistance	D _{FL-S1}
Moisture resistance	Field of use: Climate class 2 (NS-EN 1995 -1-1, Eurocode 5).
Formaldehyde class	Class E1 ($\leq 8 \text{ mg pr } 100\text{g oven dry board}$)
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