

PDS – Product Data Sheet - FORESTIA AS

Product: Forestia Thermoflooring	April 2020
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>
Stand. qual.	22x620x1820	31	1,08	507
Extra. qual.	22x620x2420	28	1,44	640

*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	22 & 25 mm thick, sanded particleboard with tongue and groove on all 4 sides.
Area of application	Floor plates for use in dry conditions (standard quality / climate class 1) or as a platform floor where the panels must be expected to be exposed to weather and wind over a limited period of time (extra quality / climate class 2). As a supporting subfloor on joists and as a subfloor on another supporting subfloor. Forestia Thermo flooring is a floor plate with milled grooves intended for the application of waterborne floor heating.
Components	Approx. 84 % timber, approx 9 % UF-glue with cas.nr 9011-05-6, approx 7 % water. Extra quality plate has MUF-glue with cas.nr 25036-13-9.
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	25mm
Bending strength:	16 MPa	16 MPa
Tensile strength :	0,4 MPa	0,4 MPa
Modulus of elasticity:	2550 MPa	2550 MPa

Product characteristics	
Density	Approx 670 kg/m ³
Thermal conductivity	$\lambda_p = 0,13$ W/mK
Fire resistance	Surface DFL - s1. It is possible to build wooden floor dividers with documented fire resistance B30 and B60 with this / these products. See www.forestia.com
Moisture resistance	Field of use: Climate class 2 = Extra Quality (NS-EN 1995 -1-1, Eurocode 5). Climate class 1 = Standard quality
Formaldehyde class	Class E1 (≤ 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.
Reference	Installation guide.