

PDS – Product Data Sheet - FORESTIA AS

Product: Tak-ess Inspiration - 12 mm Agnes One Step Ceiling				March 2023	
Supplier			FORESTIA AS		
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Contact person			Vegard Grønnerud		
Dimension	Boards per paller <i>each</i>	Boards per pk.	Net area per board <i>m²</i>	Weight per pallet <i>kg</i>	
12x0620x1220	52	4	0,72	340	
12x0620x0620	100	5	0,36	325	
12x0320x1220	100	5	0,36	325	

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

Product description	Foiled particleboard, ready for use.
Field of use	The product can be used in all rooms where there are dry conditions. Can be used in well-ventilated bathrooms.
Foil	Polypropylene based from Alcorcell
Cleaning/maintenance	Washable with all non-greasy detergents. Dry roof is cleaned best with microfiber cloth. If steam cleaning is used, the temperature applied to the roof surface must not be too high. This is achieved by small amount of steam, double cloth and smooth movements of the nozzle. The foil has very high resistance to yellowing (from the sunlight).
Painting	The product can be painted. Clean the surface with mild salmiakk water. It is usually not necessary to use any primer. Acrylic paint is recommended. One layer is most often enough. Recommended shine is 07 or 10.

Components:

Particleboard: Approx. 84 % wood particles, approx. 9 % UF-glue with cas.nr. 9011-05-6, approx. 7 % water

Foil: ALKORCELL, product data sheet can be supplied.

Glue for foil: Prefere 6502, no known health risk. Product data sheet can be supplied.

Product characteristics	P2
Density	Approx. 670 kg/m ³
Thermal conductivity	$\lambda_p = 0,13 \text{ W/mK}$
Fire resistance	D-s1, d0.
Moisture resistance	Field of use: Climate class 1 (NS-EN 1995-1-1, Eurocode 5).
Formaldehyd class	Class E1, the board contains less than 8mg per 100g particleboard.
Durability	Lifetime of entire house.
Sound	Classified as a noise-emitting board. Have sound-technical characteristics as comparable plate types (plaster, wood fiber) and formats.
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).
Storage	Dry storing indoors in unopened packaging.
Handling	Carefully so the foil and profile are not damaged. The plates has to be lifted from the packages.
Temperature and humidity in the room after completion	Temperature in the room where the panel product is installed, a temperature between 18-22 °C is recommended. The humidity (RH) must always be between 30 and 60% to avoid unwanted climate-related drying cracks and movements in the boards. In summer and winter, it is necessary to adjust the humidity in the air according to recommendations. This applies to empty and unoccupied rooms and homes. New homes and major renovations.
References	Instruction for use, and brochure.