

Product data sheet Biofaser BF-ST

Classification: Wood fibre boards according EN 316
Test standard: EN 622
Technical class: HB.H (General purpose boards for use in humid conditions)

Mechanical properties	Test standard	Unit	Value
Density	EN 323	kg/m ³	≤ 2,7 mm > 900 > 2,7 mm > 950
Thickness	EN 324-1	mm	2,0 – 8,0
Bending strength	EN 310	N/mm ²	> 45
Internal bond strength	EN 319	N/mm ²	> 0,6
Thickness swelling (24h)	EN 317	%	< 25
Moisture content	EN 322	%	5 – 8
Formaldehyde content (perforator method)	EN ISO 12460-5	mg/100g	< 8,0
Formaldehyde content	DIN EN 16516	ppm	< 0,1
Formats	Cut to size		on request

Dimension tolerance	Test standard	Unit	Value
Thickness	EN 324-1	mm	non-sanded ± 0,4 sanded ± 0,2
Length/ Width	EN 324-1	mm	± 2,0

Important instructions

Handling

When working with the material, such as grinding and sawing, there is a risk of dust explosion. Do not smoke during work, keep away open fire sources, provide good room ventilation and vacuum the dust at the site of origin.

Storage

The storage of the product should be carried out in a dry and well ventilated place (relative humidity 35 - 65%). Since this product does not contain any biocides or other preservatives, fungal attack can occur due to long-term effects of condensation and insufficient ventilation. The product "Biofaser BF-ST" is a flame retardant but combustible material and should not be stored together with highly flammable substances.

Material compatibility: The product is compatible with all materials

Disposal

The disposal can be carried out by means of landfilling, material or thermal recovery (in suitable plants) as biomass. The material is biodegradable. The following waste code numbers from the European waste catalogue (EAK) depending on the origin are possible: e.g. 030105, 170201, 200138 waste code number according to ÖNORM 17201