

FIBRAFORM E-Z

Shape it!

Description_

FIBRAFORM E-Z is a wood fiber board (MDF) grooved on one side allowing it to adapt to curved shapes. Its structure allows practical and simple handling, with a smooth and homogeneous exposed surface for a perfect finish.

Available in two versions depending on the arrangement of the grooves with respect to the largest dimension: Fibriform E-Z and Fibriform TRV E-Z. Grooving is horizontal to the largest dimension on the Fibriform E-Z and vertical on the Fibriform TRV E-Z. This allows a better use of the board and the elimination of joints according to application.

Fibriform E-Z is a material derived from wood, sustainable and recyclable.

It is classified as E1: low formaldehyde emission, according to the European standard. Moreover Fibriform E-Z and Fibriform TRV E-Z comply with the German law published in the Federal Register BAnz AT 26.11.2018 B2 (commercially known as E05) and is compliant with US EPA TRCA TITLE VI and CARB phase 2.



Applications_

- Shops
- Ephemeral architecture
- Exhibition elements
- Scenography and decorations (theaters, sets and cinema)
- Column and arches cladding
- Wall paneling
- Curved furniture (winding shelves, wraparounds, etc.)
- Counters and bars
- Singular and design elements

Characteristics_

- The grooves are rectangular 2 mm wide with a variable depth depending on the thickness of the board and an approximate separation between grooves of 4.5 mm which allows it to adapt to radius of curvature from 150 mm.
- The two ends of the board parallel to the grooves are not machined to preserve possible breaks during handling.
- The Fibriform allows the application of a wide variety of coatings such as paints or lacquers, foils... or any other flexible coating that allows adapting to the radius of use. In the case of wood veneer, we recommend the use of supported sheets due to their greater flexibility and adaptability.
- Fibriform is a board for bending but its decorative use with exposed grooves is possible as long as it is installed in parts or areas protected from possible impacts to preserve the integrity of the grooves. Parallelism between board edges and grooves is not guaranteed.
- You must know what application or end use is intended for the product to check if the radius meets the needs of the project. The bending possibilities of the raw board can be reduced when coating it, depending on the flexibility of the coating and the glue used.

Offer_

The measures available per package are:

FIBRAFORM E-Z / FIBRAFORM TRV E-Z

SIZE (mm)	THICKNESS (mm)	
	8	10
2850x1030	35	35
3050X1220	---	35

Other possibilities on request.

Data sheet_

The Fibraform is a transformed product, the technical reference characteristics are linked to the technical data sheet of the board:



FIBRAPAN FORMA E-Z

TECHNICAL DATA - AVERAGE VALUES

TEST METHOD	PROPERTIES	THICKNESSES		UNITS
		8	10	
EN 323	DENSITY (*)	640	600	kg/m ³
EN 319	INTERNAL BOND	0.55	0.55	N/mm ²
EN 310	BENDING STRENGTH	20	20	N/mm ²
EN 310	MODULUS OF ELASTICITY	1700	1700	N/mm ²
EN 317	THICKNESS SWELLING 24 H	18	15	%
EN 322	MOISTURE CONTENT	7+/-3	7+/-2	%

TOLERANZ DER NOMINALEN ABMASSE

EN 324-1	THICKNESS	+/- 0,2	+/- 0,2	mm
EN 324-1	LENGTH/WIDTH	+ /- 2mm/m, máx. +/-5mm/m	+/- 2mm/m, máx. +/-5mm/m	mm
EN 324-2	SQUARENESS	+/- 0,2	+/- 0,2	mm/m
EN 324-2	EDGE STRAIGHTNESS	+/- 1,5	+/- 1,5	mm/m

(*) Ekdaten

FIBRAPAN FORMA E-Z erfüllt die Voraussetzungen der Klasse E1 festgelegt in der Europäischen Norm.

Diese physisch-mechanischen Werte erfüllen die europäische Norm EN 622-5:2006, Tabelle 7 "Leichten Holzwerkstoffe zur Verwendung als nichttragende Bauteile im Außenbereich" (Typ L-MDF).

Produkt mit geringer Formaldehydemission E05 (<0.05 ppm EN 717-1). entspricht den Anforderungen der BAnz AT 26.11.2018 B2 zur Formaldehydemission, so wie FIBRAFORM E-Z und FIBRAFORM TRV E-Z.

FIBRAFORM E-Z und FIBRAFORM TRV E-Z verfügt über das Konformitätszertifikat Stufe 2 CARB Formaldehydemission und US EPA TSCA Title VI aufgrund der Verarbeitung von US EPA TSCA TITLE VI and CARB phase 2 zertifizierten Basisplatten FIBRAPAN FORMA E-Z.

[LINK WEB](#)