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NEW

Fibrapan Model E-Z
Iberpan Model E-Z

High density fibreboard (HDF) specially designed for the manufacture of models for casting moulds.

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Fibrapan / Iberpan Model E-Z

For casting models

- Superior core density
- Excellent machinability
- High dimensional stability

Model E-Z board is a very high-density and moisture resistant fibreboard designed with physical and mechanical properties tailored to model making processes for casting moulds.

Its excellent mechanical properties, highly precise machined surfaces, and superior dimensional stability against moisture make Model E-Z board **perfect for manufacturing casting models or thermoformed parts.**

Finsa's exclusive SIPS (Steam Injection Press System) technology allows for the production of boards with extraordinary core density in thicknesses of up to 40 mm.

Made with locally sourced wood from sawmill by-products and responsibly managed forests, and carrying PEFC/FSC certification.

Additional Benefits

Low abrasiveness increases tool longevity. It can be used repeatedly due to the high durability.

- Excellent performance-to-price ratio.
- Flexibility in formats.
- Moisture resistant.
- E-Z (formaldehyde emission <0.05 ppm according to EN 717-1)

Certifications

PEFC
PEFC/14-35-00008
www.pefc.org

FSC
www.fsc.org
FSC® C041397
The mark of responsible forestry

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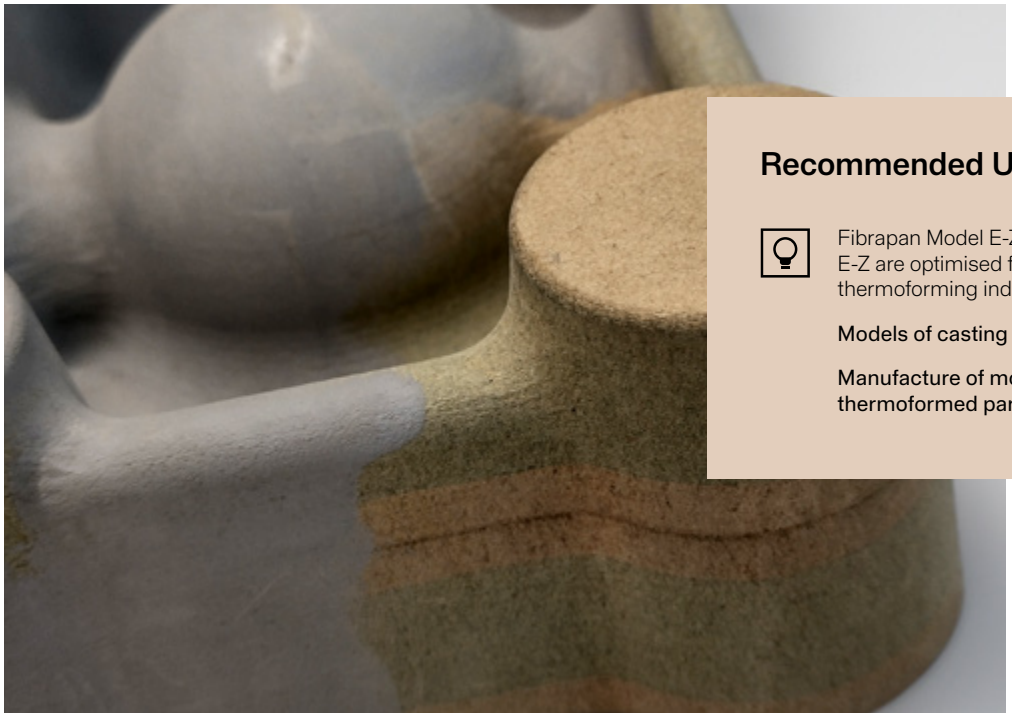
Offer



Recommended Use

Fibrapan Model E-Z and Iberpan Model E-Z are optimised for the casting and thermoforming industry.

Models of casting moulds.

Manufacture of models for moulds of thermoformed parts.

Fibrapan / Iberpan Model E-Z offer

This board is supplied unfinished.

Formats (mm)	Thickness (mm)	
	30	40
2440 x 1220	1 lorry per format and thickness	1 lorry per format and thickness

Consult our commercial network for more information

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Technical Data

Properties	Test	Thickness (mm)		Unit
		30	40	
Density (*)	EN 323	900	900	kg/m^3
Internal bond	EN 319	≥ 1,5	≥ 1,5	N/mm^2
Bending resistance	EN 310	≥ 43	≥ 43	N/mm^2
Modulus of elasticity	EN 310	≥ 3600	≥ 3600	N/mm^2
Swelling in water 24h	EN 317	≤ 5	≤ 5	%
Surface absorption (both sides)	EN 382-1	> 150	> 150	mm
Moisture content	EN 322	7+/-3	7+/-3	%
Silica content	ISO 3340	≤ 0.05	≤ 0.05	% peso
Formaldehyde emission	EN 717-1	≤ 0.05	≤ 0.05	ppm
Reaction to fire Table 8 UNE EN 13986:2006+A1:2015	EN 13501-1	D-s2, d0(**)	D-s2, d0(**)	Clase
Accelerated aging test (option 1). Swelling after cyclic test (v313)	EN 321/ EN 317	≤ 15	≤ 15	%
Accelerated aging test (option 1). Internal bond after of the cyclic test (v313)	EN 321/ EN 319	≥ 0,15	≥ 0,15	N/mm^2
Sound absorption coefficient (A) (250 A 500 HZ)	UNE EN 13986:2006+ A1:2015	0.10	0.10	α
Acoustic absorption coefficient (A) (1000 A 2000 HZ)	UNE EN 13986:2006+ A1:2015	0.20	0.20	α
Thermal conductivity	UNE EN 13986:2006+ A1:2015	0.16	0.16	W/(m·K)
Acoustic insulation against airborne noise (R)	UNE EN 13986:2006+ A1:2015	32	34	db
Biological durability	UNE EN 335	2	2	Clase de uso
Pentachlorophenol content	UNE EN 13986:2006+ A1:2015	< 5	< 5	ppm

(*) This information is considered indicative.

These physical mechanical values comply with the values established in the European standard EN 622-5 Table 4 - Requirements for boards for general use in humid environments (Type MDF.H)

(**) According to decision 2007/348/CE.

FIBRAPAN MODEL E-Z / IBERPAN MODEL E-Z is a product with reduced formaldehyde emission E05 (≤ 0.05 ppm EN 717-1) and complies with the Class E1 requirements defined in the European Standard EN 622-1.