



## JELMO®-TRAIN FLEX

### *the bending plywood-panel*

#### Product description

JELMO®-TRAIN FLEX is a light, fire resistant Ceiba plywood with a great flexibility and bendability.

#### Composition

The plywood consists of 3 to 5 thin veneers, whose fire resistance is achieved by impregnating the veneers with special salts.

#### Quality

JELMO® is glued according to EN314-2 Class 3 and is therefore glued „water resistant“.

#### Processing

The manufacture and processing can be done on normal wood processing machines with a normal ventilation and suction. We'd like to point out our "JELMO® Recommendations for Handling and Processing" in this context.

#### Areas of application / References

JELMO®-TRAIN FLEX opens a whole new range of application thanks to the plate's high flexibility for example as a moulding or in staircases and other modern concepts with extravagant designs.

#### Stock and transport regulations

Our extended information is applicable, which you can find in a separate document called „Regulations for storage and internal transports“.

#### Remarks

Before the use of this product the specific properties of the project and conditions of application are to be checked by the client itself. The test values listed here are determined by fixed specifications and are to be understood as a guideline, but not as an assurance. The customer is fully responsible for the suitability and the properties of our product under the conditions of usage chosen by the customer.

#### Technical data

Material	Ceiba
Material inner layers	Ceiba
Thickness [mm]	3/5/7/8/9/12/16

Thickness tolerance, max. [mm]	+/- 0.5
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Length, max. [mm] <i>(veneered lengthwise)</i>	2500
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Width, max. [mm] <i>(veneered lengthwise)</i>	1220
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Length, max. [mm] <i>(veneered crosswise)</i>	1220
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Width, max. [mm] <i>(veneered crosswise)</i>	2500
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Density [kg/m <sup>3</sup> ]	approx. 450
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Thermal Resistance R [m <sup>2</sup> K/W] At 16 mm	Approx. 0.11 (calculated)
λ [W/mK]	Approx. 0.15 (calculated)

Odor determination VDA 270	2.8
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E-Module on 8 mm [N/mm <sup>2</sup> ] <i>lengthwise</i>	5620
<i>crosswise</i>	130

Gluing EN 314-2	Class 3
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Fire class NF 16-101 / UNE 23527 DIN5510-2 EN 45545 EN 13501-1	Fire resistant M1 S4 ST2 SR2, FED < 1.0 R1: HL2 B s1; d0
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