



## JELMO®-SHIP LIGHT

*the universal and lightweight plywood panel*

### Product description

JELMO®-SHIP LIGHT is a lightweight, fire resistant Ceiba plywood.

### Composition

The plywood consists of several thin, cross laminated veneer layers. Its fire resistance is achieved by impregnating the veneers with special salts.

### Quality

JELMO®-SHIP LIGHT is laminated according to EN314-2 Class 3 and is therefore bonded „water resistant“.

### Processing

The manufacturing and processing can be performed on common wood processing machines with a suitable ventilation and suction system. The plywood can be finished with a decorative top layer or can be given a coat of painting. More details can be found in our “JELMO® Recommendation for Handling and Processing”.

### Areas of application / References

In practice JELMO® has been successfully used as flooring element, wall and ceiling paneling, partitioning wall, built-in closet and furniture. It is also extremely well suited for upholstery.

### Stock and transport regulations

More detailed information can be found in a separated document entitled „Regulations for storage and internal transports“.

### Remarks

The specific properties of the project and conditions of application have to be personally checked by the client before using this product. The material parameters listed here are determined by standard specifications and are to be understood as a guideline, but not as guaranteed values. The customer is fully responsible for the suitability and the properties of our product under the specific conditions of implementation chosen by the customer.

### technical data

#### material

top layers	Ceiba
inner layers	Ceiba
thickness [mm]	6/8/10/12/15/18/20/ 22/25/28/30

#### dimensions

thickness tolerance, max. [mm]	acc. EN 315
length, max. [mm]	3100 (trimmed)
width, max. [mm]	1830 (trimmed)

#### material properties

thickness [mm]	no. of veneer layers	flexural strength long. [N/mm <sup>2</sup> ]	Young's modulus long. [N/mm <sup>2</sup> ]
15	7	30	3,800
20	9	35	4,300
25	13	38	4,850
30	15	35	4,800

thermal resistivity R [m <sup>2</sup> K/W] for 15 mm	0.11 (calculated)
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heat conductivity λ [W/mK]	approx. 0.15
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density [kg/m <sup>3</sup> ]	approx. 450
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#### further information

surface quality	BB/BB (sanded)
odor determination VDA 270	3.6
bonding EN 314-2	Class 3

Certification	Type Examination Module B IMO FTPC Part 5 / Part 2 Regulation Item No MED/3.18a QS-Certificate Module E based on 2014/90/EU – in conjunction with (EU) 2025/1533
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