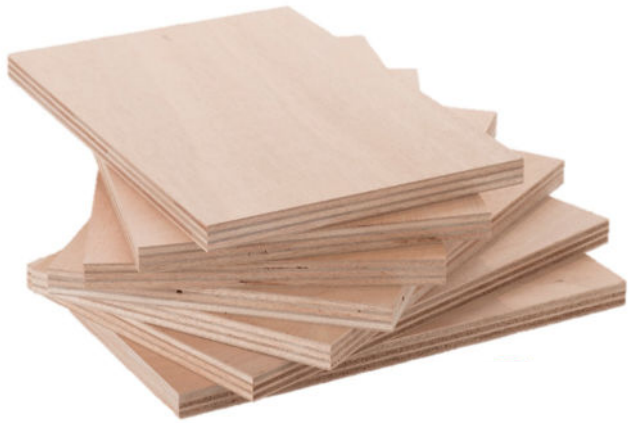
Technical Product information



JELMO®-SHIP

the universal plywood panel

Product description
JELMO® is a fire resistant Okoumé plywood. Our JELMO® plywood panels are MED approved for a panel thickness from 2.2 mm to 30 mm.

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

technical data			
material			
top layers	Okoumé		
inner layers	Okoumé		
dimensions			
thickness tolerance, max. [mm]	+/- 0.5		
length, max. [mm]	2750 (trimmed)		
width, max. [mm]	1220 (trimmed)		
material properties			
thickness [mm]	no. of veneer layers	flexural strength long. [N/mm²]	Young's modulus long. [N/mm²]
15	7	25	6,000
20	9	25	6,000
25	13	20	5,000
30	15	20	5,000
further panels with different thickness on request			
thermal resistivity R [m²K/W] *for 15 mm*	0.11 (calculated)		
heat conductivity λ [W/mK]	approx. 0.15		
density [kg/m³]	approx. 550		
further information			
surface quality	BB/BB (sanded)		
bonding *EN 314-2*	Class 3		
Certification	Type Examination Module B IMO FTPC Part 5 / Part 2 Regulation Item No MED/3.18c QS-Certificate Module E based on 2014/90/EU – in conjunction with (EU) 2025/1533		

Quality
JELMO® 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.