



## **JELMO®-TRAIN** *the universal plywood-panel*

### **Product description**

JELMO® is a fire resistant Okoumé plywood.

### **Composition**

The plywood consists of several thin, cross bonded veneer layers, 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 suitable ventilation and suction. The plywood can be joined with a top layer decorative veneer or can be given a coat of painting. We'd like to point out our "JELMO® Recommendation for Handling and Processing" in this context.

### **Areas of application / References**

In practice JELMO® has proven itself as flooring element, as wall and ceiling panelling, partitioning wall, built-in closet and furniture as well as it is also extraordinarily suitable for upholstery.

### **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	Okoumé
Material inner layers	Okoumé
Thickness [mm]	1.8/2.2/4/6/8/10/12/15/18/20/22/25/30
<u>Thickness [mm]</u>	<u>No. of veneer layers</u>
15	7
20	9
25	13
30	15
<u>Bending strength longitudinal [N/mm<sup>2</sup>]</u>	<u>E-module longitudinal [N/mm<sup>2</sup>]</u>
25	6.000
25	6.000
20	5.000
20	5.000
Thickness tolerance, max. [mm]	+/- 0.5
Length, max. [mm]	2750 (trimmed)
Width, max. [mm]	1220 (trimmed)
Surface quality	BB/BB (sanded)
Thermal resistance R [m <sup>2</sup> K/W] at 15 mm	0.11 (calculated)
$\lambda$ [W/mK]	Approx. 0.15 (calculated)
Odor Determination VDA 270	3.3
Weight [Kg/m <sup>3</sup> ]	approx. 550 kg
Gluing EN 314-2	Class 3
Fire class NF F 16-101 / UNE 23527	Fire resistant
DIN 5510-2	M1
EN45545-2	S4 SR2 ST2
GOST	R1/R7: HL2
	I=0