

**DESCRIPTION**

Plywood panel made exclusively of poplar veneers, modified with an innovative impregnation treatment that makes the entire panel exceptionally durable to the attack of wood decomposing agents and most of the factors responsible for the degradation of wood, without losing its quality characteristics, stability, lightness, ease of processing, finish and handling. FORTE has been developed as an alternative to solid wood and exotic plywood, for application in a wide variety of sectors, and for any use where an external application may be required. On demand FORTE can be supplied certified according to the FSC® (license Code FSC-C019345) and PEFC forest standard.

**APPLICATIONS**

AUTOMOTIVE



BOATBUILDING

FURNITURE  
AND DESIGNARCHITECTURE  
AND CONSTRUCTION

RETAILERS



PARQUET



PACKAGING

**CERTIFICATIONS****GLUING****FORMALDEHYDE RELEASE**

ON DEMAND

**SIZES**

	Standards	Unit	Value					
Standard sizes		mm	2500 x 1220					
Thickness	EN 315	mm	<b>10</b>	<b>12</b>	<b>15</b>	<b>18</b>	<b>25</b>	<b>40</b>
Layers		nr.	5	7	7	9	11	17

**FEATURES**

	Standards	Unit	Value
Voluminal mass	EN 323	Kg/m <sup>3</sup>	450 ± 10%
Bending strength Long grain/Cross grain	EN 310	N/mm <sup>2</sup>	≥30 / ≥35 for thickness 18 mm
Modulus of elasticity	EN 310	N/mm <sup>2</sup>	≥3000 (average L/T)
Thermal conductivity	EN 10456	W/m K	0,12
Moisture	EN 322	%	8 ÷ 12
<b>Reaction to fire</b>			
Durability class	EN 350		Durability class DC 1
Use class	EN 335		Use class 3
<b>Dimensional tolerances</b>			
Thickness	EN 315	mm	+ (0,2 + 0,03 t); - (0,4 + 0,03 t)
Length/Width	EN 315	mm	± 3,5
Orthogonality	EN 315	mm/m	1

None of the following tests has been subject to preliminary conditioning. The specific values are average values referred to the normal production. It is responsibility of the customer to determine if Panguaneta's products are suitable for the wished applications and to ensure that places and way of use comply with the supplier's instructions and with the law in force.

