



**TECPANELS**  
THE ART OF VOLUME  
[www.tecpanels.com](http://www.tecpanels.com)

## TECPANELS TECHNICAL INFORMATION

Special wooden/fibre board impregnated with organic colourings and chemically joined with melamine resins.

It is a tough, water resistant material.

Density. EN323 standard.

Colour. A raw pigment with a polyurethane lacquer in accordance with the RAL or NCS colour charts.

Water resistant. EN 317 standard. Swelling after cyclic testing 5%.

Internal cohesion after cyclic testing N/mm<sup>2</sup> 0.15.

If cuts are made, a protective varnish must be applied to the cut section.

Mechanical resistance. 30% greater than MDF. Great resistance to bending.

Tensile strength (EN 319 standard) 0.75 N/mm<sup>2</sup>

Bending strength (EN 310 standard) 28 N/mm<sup>2</sup>

Elasticity in bending module (EN310) 2600 N/mm<sup>2</sup>

Non-toxic. Low formaldehyde emissions (E1 classification according to European standards).

Formaldehyde emissions follow EN 120. This type of board has been approved by British Standards for use in the manufacture of toys and furniture for children.

Environmental value. Manufactured with forestry and carpentry leftovers, with very low formaldehyde emissions. The pigments and colouring are organic and do not use inks. The primer or undercoat used is water-based.

Fire reaction. UNE 23721 M3 Class  
(Can be manufactured to M1 Class on order and at a different price)

