

High Pressure Laminate (HPL) Plywood

Technical Data

Product Description

The HPL (High Pressure Laminate) plywood products are intended for use as a non-structural plywood panel for cabinetry and joinery applications for kitchens, motorhomes and general joinery work. HPL plywood may be used for specific design applications where an untreated, non-structural high pressure laminate plywood product is suitable and appropriate for use. The HPL plywood panels are resistant to scratches and general household chemicals making it ideal for internal cabinetry use.

Product Range

HPL plywood panel products are supplied as a square edged in dimensions of 2440 x 1220 mm, both in 16mm & 18mm thickness, cross banded in the parallel and perpendicular layering with either Poplar or Eucalyptus core veneers (species may vary depending on supply and availability) that are bonded together with a phenolic glue, where a high-pressure laminate of 0.5mm is applied to the front and rear face veneer of the panels.

Surface Grade

The High-Pressure Laminate plywood panel comes with a BB grade front and rear face veneer with a 0.5mm laminate applied to both veneers (front and rear).

Product Identification

Some of our products have no visible markings, as the plywood has been designed as a decorative panel for use with cabinetry or joinery. All supplied packets of product will have product identification in the form of a product label.

Technical Specification

Table 1:

Characteristics	
Species	Poplar or Eucalyptus
Grade	Non-Structural
Face Veneer Quality	Grade BB
Laminate Thickness	0.5mm
Moisture Content	6-15%
Bond Type	Melamine UF
Formaldehyde Emission Class	E0 (less than 0.5 mg/L)
Preservative Treatment	Untreated
Density	
Poplar 16mm	550-580KGS/CBM
Poplar 18mm	530-560KGS/CBM
Eucalyptus 16mm	620-650KGS/CBM
Eucalyptus 18mm	600-630KGS/CBM
Dimensions (mm)	
Lengths	2440
Widths	1220
Thicknesses	16, 18
Tolerances (mm)	
Length	2440 ±1.5
Width	1220 ±1.5
Thickness	16/18 ±0.5
Squareness	±0.3

