

# The Plywood Specifiers Guide

Lightweight



## Offers stability, ease of cutting & machining and most importantly, low density

### Lightweight Plywood

Through a close partnership with Italian plywood manufacturers Panguaneta, Hanson Plywood are able to offer a unique and extensive range of lightweight Poplar plywood products.

The accurate selection of the raw material, cultivated in specific areas of Northern Italy, is at the base of the Panguaneta brand. Only logs that comply to the highest standards enter the production line.

#### Environmental Product Declaration (EPD®)

EPD® certification ensures that Panguaneta transparently manages its environmental impact over the entire lifecycle and is relevant to building certification bodies and protocols, such as Leadership in Energy and Environmental Design (LEED) and BREEAM.

EPD® provides essential information on environmental performance, assisting architects and designers in choosing the best products to meet the strictest environmental standards based on the Life Cycle Assessment (LCA).

Classic  
Range

Superior  
Range

Eco  
Range












Project  
Range



## LIGHTWEIGHT/LOMBA



**Poplar/Illomba construction giving significant weight saving and very high quality faces.**

-  LAMINATING/VENEERING
-  BOAT/YACHT BUILDING
-  EXHIBITION/DISPLAYS
-  THEATRE SETS
-  COMMERCIAL/LEISURE VEHICLES
-  CONSTRUCTION/JOINERY
-  TOY/MODEL MAKING
-  SHOP/BAR FITTING
-  FURNITURE
-  LASER CUTTING
-  ARCHITECTURE

### SPECIFICATION DETAIL :

Thicknesses (mm)	3mm-25mm (Poplar) ; 3mm -15mm (Illomba)
Dimensions (mm)	2440 x 1220/2500 x 1220/ 3050 x 1220
Average density	400 Kg/m <sup>3</sup> ± 10%
Product standard	EN 636-1
Glue bond	EN 314-2 Class 1 (Interior)
Formaldehyde release	Class E1 (Tested to EN 717-2)
Moisture content	8%-13%
Veneers	High quality face and core
Environmental certification	PEFC™ 100%
European Timber Regulation (EUTR) status	Compliant – sourced within EU
CE marked	BS EN 13986
Material safety data sheet	Available



Pressure impregnated fire-retardant treated lightweight poplar plywood designed to be used in interior applications.












-  EXHIBITION/DISPLAYS
-  CONSTRUCTION/JOINERY
-  COMMERCIAL/LEISURE VEHICLES
-  THEATRE SETS
-  SHOP/BAR FITTING
-  ARCHITECTURE

#### SPECIFICATION DETAIL :

Thicknesses (mm)	6mm-40mm
Dimensions (mm)	2500 x 1220 3100 x 1530
Average density	400 Kg/m <sup>3</sup> ± 10%
Product standard	EN 636-1
Glue bond	EN 314-2-Class 1
Formaldehyde release	Class E1
Classification	Euro Class B-s1,d0
Face grade	B/BB
Environmental certification	PEFC™ (FSC® available on request)
European Timber Regulation (EUTR) status	Compliant – sourced within EU
CE marked	BS EN 13986
Material safety data sheet	Available



**Poplar plywood  
manufactured  
using a non-toxic,  
Formaldehyde-Free  
Glue for improved air  
quality**

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#### SPECIFICATION DETAIL :

Thicknesses (mm)	3mm-40mm
Dimensions (mm)	2440 x 1220/ 2500 x 1220/ 3050 x 1220
Average density	400 Kg/m <sup>3</sup> ± 10%
Product standard	EN 636-1
Glue bond	EN 314-2 Class 1 (Interior)
Formaldehyde release	NAF (No Added Formaldehyde)
Moisture content	8%-13%
Veneers	High quality face and core
Environmental certification	FSC® or PEFC™ available on request
LEED (Leadership in Energy & Environmental Design) Status	Compliant
CARB Phase II	Compliant
Japanese F****	Compliant

## BIRCH FACED



Plywood constructed with outer faces of birch veneers with poplar comprising the inner layers.



AUTOMOTIVE



FURNITURE/DESIGN



SHOP/BAR FITTING



BOAT/YACHT BUILDING



CONSTRUCTION/JOINERY



ARCHITECTURE

### SPECIFICATION DETAIL :

Thicknesses (mm) 6mm-40mm

Dimensions (mm) 2440 x 1220  
3050 x 1220

Average density 400 Kg/m<sup>3</sup> ± 10%

Product standard EN 636-1

Glue bond Class 1 (Interior) EN 314-2

Formaldehyde release Class E1 (Tested to EN 717-2)

Veneers High quality face and core

Face grade B/BB

Environmental certification PEFC™ (FSC® available on request)

European Timber Regulation (EUTR) status Compliant – Sourced within EU

CE marked BS EN 13986

Material safety data sheet Available





**Laser Lite Poplar Plywood offers stability, ease of cutting and machining and most importantly low density.**



LAMINATING/VENEERING



BOAT/YACHT BUILDING



EXHIBITION/DISPLAYS



THEATRE SETS



COMMERCIAL/LEISURE VEHICLES



CONSTRUCTION/JOINERY



TOY/MODEL MAKING



SHOP/BAR FITTING



FURNITURE



LASER CUTTING

#### SPECIFICATION DETAIL :

Thicknesses (mm) 3mm, 4mm, 6mm

Dimensions (mm) 2500 x 1220mm (or cut to size)

Average density 400 Kg/m<sup>3</sup> ± 10%

Product standard EN 636-1

Glue bond EN 314-2 Class 1 (Interior)

Formaldehyde release Class E1 (Tested to EN 717-2)

Moisture content 8%-13%

Veneers High quality face and core

Environmental certification PEFC™ 100%

European Timber Regulation (EUTR) status Compliant – sourced within EU

CE marked BS EN 13986

# Notes



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**CONTACT:**

**Hanson Plywood Limited**  
Drakes Industrial Estate  
Shay Lane, Halifax  
West Yorkshire, HX3 6RL

**Tel:** 01422 330444  
**Fax:** 01422 330706  
**Email:** [sales@hanson-plywood.co.uk](mailto:sales@hanson-plywood.co.uk)  
**www.hanson-plywood.co.uk**

For more information visit: [www.hanson-plywood.co.uk](http://www.hanson-plywood.co.uk)

