

# The Plywood Specifiers Guide

ISP5

Lightweight



## Lightweight Poplar Plywood for Theatre Stage Sets, Scenery & Props



# Plywood panels for theatre stage sets, scenery and props

## High quality Poplar plywood

Poplar plywood panels have the unique properties of being lightweight whilst still retaining remarkable structural strength due to the cross banded construction of the timber veneers. These properties provide an ideal material which is widely used in the industry for components in theatre stage sets, scenery & props.

Panels have been technically developed and refined over many years to ensure exceptional reliability and performance in all relevant applications.

### key attributes of poplar plywood include:

- Lightweight whilst still retaining structural strength.
- Clean and aesthetically pleasing appearance
- Stability and ease of machining
- Good core composition
- Glue bonding with high moisture resistance
- Panels suitable for laser or waterjet cutting
- Flame retardant specifications available
- The highest environmental credentials for legality and sustainability

Our extensive range of premium quality poplar plywood is produced to the highest specification using the finest quality poplar logs available.



**LIGHTWEIGHT POPLAR PLYWOOD FOR THEATRE STAGE SETS,  
SCENERY & PROPS**



**Specialist poplar plywood offering a multitude of attributes for the theatre industry**

A selection of sizes are available with thicknesses ranging from 3.0mm up to 40mm and face grades to suit all applications.

The information illustrated covers the most common specifications used in the industry.

**Applicable  Poplar Products**

- ✓ Poplar Throughout
- ✓ Ilomba Twin
- ✓ Fire Retardant
- ✓ Pure Glue Eco Friendly
- ✓ Birch Faced
- ✓ Laser Lite

**Applications**

 THEATRE STAGE SETS

 PROPS

**SPECIFICATION DETAIL:**

Thicknesses (mm)	3mm-40mm
Dimensions (mm)	2440 x 1220, 2500 x 1220, 3050 x 1220, 3120 x 2120
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

# Notes



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