

## Datasheet: Decorative Maple Faced Plywood

One-piece, rotary cut maple faces on a mixed hardwood core

Ideal for interior decorative applications as an alternative to birch plywood

### Suitable applications:

- Internal wall cladding
- Ceiling panels
- Acoustic panels
- Joinery & shop fitting
- Furniture
- CNC machining

Full size 2440 x 1220 panels



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Faces: North American maple, rotary cut, long-grain, one-piece

Face Grade: I or II

Finish: Faces sanded to 120 grit. A final sanding process will be required to obtain a ready to use panel

Core: Mixed hardwood: poplar and eucalyptus, sourced from fast growing European tree farms

Glue type: Class I (interior use) according to EN 636-1

Formaldehyde emissions: Class E1 according to EN 13986

Reaction to fire: 9mm and above D s2,d0 / D fl,s1

Sustainability: PEFC certified

Face grade characteristics		
Characteristics	Appearance	
Title	I Grade	II Grade
Colour variation	Slight	Slight
Pin knots	Max 8	No limit
Sound knots	Max. 8 up to 10mm diameter	Max. 12 up to 15mm diameter
Open knots	Not allowed	Max. 6 up to 10mm diameter
Mineral streaks	Max. 8 < 15mm x 100mm	Max. 8 < 15mm x 150mm
Worm tracks	Slight, without limit Scattered dark ones	Slight, without limit Scattered dark ones
Bird's eye	Scattered	No limit Scattered dark ones
Worm holes	Scattered up to 1mm diameter	Max. 6 up to 10mm diameter
Bark pockets	Scattered < 2mm x 15mm	Max. 12 < 8mm x 60mm
Open joints	Max. 3, repaired < 2mm x 200mm	Max. 3, repaired < 3mm x 250mm
Broken grain or roughness	Not allowed	Slight & scattered
Other characteristics	To be considered under the category which they most closely resemble	

### Quality I

Rotary cut maple veneer from sapwood. Selected for a clean, uniform and homogeneous appearance. Minimal, well-repaired or scattered defects permitted so as not to compromise the decorative finish. Ideal for applications requiring superior aesthetic quality, such as high-grade furniture, interior joinery and decorative wall panelling.

### Quality II

Rotary cut maple veneer from sapwood. Selected for a balanced and consistent appearance. Moderate defects and visible repairs permitted, maintaining an overall decorative standard appropriate for panels of secondary visual importance.

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Technical characteristics		
Technical feature	Values	Standard
Density (kg/m3)	554 - 690	EN 323
MOE - Modulus of elasticity (N/mm <sup>2</sup> )	9927 - 5610 long grain - short grain	EN 789
Resistance to bending (N/mm <sup>2</sup> )	52.6 - 29.1	EN 789
Moisture content (%)	6 - 14	EN 322

Physical and mechanical properties shown are for a standard 18mm thick product

Construction				
Thickness	9mm	12mm	15mm	18mm
Number of plies	5	7	9	11

Composition				
Layer	Face	Short grains	Long grains	Back face
Species	Maple	Poplar	Eucalyptus	Maple

Available on this product

### Contra-Burn® Fire Rated Panels

A clear absorption based fire retardant with decorative lacquer

Tested and certified to BS EN13501 Euro B s1 d0

Euro B – very limited contribution to fire

s1 - little or no smoke contribution in event of fire

d0- no burning droplets on introduction to flame

Factory applied coating system using specified and international approved ISO 9001 products

A high quality and durable finish available in matt or satin to meet your decorative project needs

Complies with most new project requirements for BS EN13501 surface spread of flame and reaction to fire