

think you know
plywood?



Introducing the Garnica
range of Plywood,
available exclusively
through James Latham.

Duraply



Ultralight



Fireshield



AVAILABLE EXCLUSIVELY THROUGH



JAMES
latham
THE NATURAL CHOICE

Visit lathamtimber.co.uk or email info@lathams.co.uk



Specifications

Formats may vary without notice.

Visit lathamtimber.co.uk or
email info@lathams.co.uk



Duraply

Formats

Dimensions (mm)	2440 x 1220									
Thickness (mm)	9	10	12	15	18	22	25	30	40	
No. of Plies	5	5	7	7	9	11	11	13	17	

Dimensions (mm)	3100 x 1220 3100 x 1530									
Thickness (mm)	9	12	15	18	22	25	30	40		
No. of Plies	5	7	7	9	11	11	13	17		

Technical Features

	Values	Standard
Density (Kg/m ³)	460-520	EN 323
Face Screw Holding (kgf)	91	EN 320
Moisture Content (%)	6-14	EN 322

Edges and faces must be carefully sealed in accordance with manufacturers guidelines in order to ensure proper seal of the panels when used for exterior applications and for the 15 year warranty to remain valid. Guidance based upon 18mm thickness panel.



Ultralight

Formats

Dimensions (mm)	2500 x 1220 3100 x 1220 3100 x 1530									
Total Thickness (mm)	15	18	22	25	28	30	38	50	60	
Plywood	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	
XPS	6	9	13	16	19	21	29	41	51	
Plywood	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	
Density* (kg/m ³)	284	250	205	184	168	160	133	110	97	

*Density: total thickness 18 mm (4.5 + 9 + 4.5 composition) ± 5% tolerance.

HPL only available in 2440x1220 and 3050x1300mm.
Guidance based upon 18mm thickness panel.

Technical Features

Total Thickness (mm)	18	
Composition (mm)	4.5 + 9 + 4.5	
Weight (Kg/m ²)	4.48	
Density (Kg/m ³)	250	
Face Screw Holding (kgf)	54	
Moisture (%) Panel	8-12	
MOR - Modulus of Rupture (N/mm ²)	Long.	17
	Perp.	14
Thermal Performance	Thermal Resistance "R" (m ² •K/W)	0.496
	Thermal Transmitt. "u" (W/m ² K)	2.01



Fireshield

Formats

Dimensions (mm)	2440 x 1220									
Thickness (mm)	9	10	12	15	18	21	25	30	40	
No. of Plies	5	7	7	9	9	11	13	15	19	

Dimensions (mm)	3100 x 1220 3100 x 1530									
Thickness (mm)	9	12	15	18	21	25	30	40		
No. of Plies	5	7	9	9	11	13	17	19		

Guidance based upon 18mm thickness panel.

Technical Features

	Values	Standard
Density (Kg/m ³)	460-520	EN 323
Face Screw Holding (kgf)	135	EN 320
Moisture Content (%)	6-14	EN 322

Wood is a natural material and as such is unique in appearance and so often has naturally occurring variations in colour, texture and grain pattern. The photographic reproductions used simply provide an example of a product's appearance and may not be representative of the full range of colour, texture and grain variations. The data provided in this product specification should be used solely as a guide & is of no contractual value. It is the responsibility of the user to determine if the product is suitable for the required application, to ensure that both the place and form of use are appropriate and in accordance with the manufacturer's requirements and recommendations & is in line with current regulations.

Duraply

Ultra-Durable Plywood for Exterior Projects and Construction



15 YEAR
WARRANTY*



Key Features

- **Warranty of up to 15 years outdoors***
- All weather resistant even after cutting and machining*
- Lightweight and easy to machine
- Stability and dimensional uniformity
- Sustainable European plantation wood

Resistance that challenges nature

Ultra-durable panel for outdoor use in the most demanding conditions, composed of sustainable plantation wood.

Plywood modified using an innovative treatment renders the entire panel exceptionally durable. Immune to fungal and insect attack, even when used outdoors and in the most demanding of weather conditions.

Its CE2 + structural certificate, lightness, surface quality and ease of machining makes it perfect for facades and other construction applications.

100% sustainability due to its composition based on fast growing European plantation wood.

Glue Type: Class III (exterior) according to the rule EN 314-2

Emission: Class E1

Quality faces: BB/BB

Applications/Uses

Perfect for external applications: advertising panels, message signs/panels, facades/soffits, roof supports, ledges, gardening, parks, recreational areas, street furniture, etc.

*Warranty of up to 15 years outdoors against delamination and fungal and xylophagous insect attack when installed according to manufacturer's instructions.



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FSC® certified
products



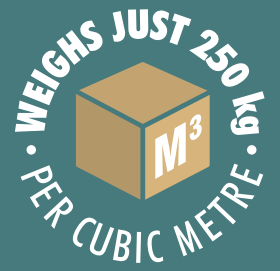
CE 2+

*Edges and faces must be carefully coated in order to ensure proper seal of the panels when used for exterior applications.



Ultralight

Ultralight Sandwich Panel with XPS
Core and 100% Poplar Plywood



Key Features

- Improved lightness combining poplar plywood and XPS core
- Exceptional thermal and acoustic insulation
- HPL decorative finishes available
- Stability, dimensional uniformity and easy to machine
- Sustainable European plantation wood



Lightness that challenges the impossible

Ultralight sandwich panel with an insulating XPS (extruded polystyrene) core combined with plywood that is made of 100% European poplar from sustainable plantations. Its light-coloured faces and premium-quality internal sheets make it ideal for painting or laminating/film coating.

Combining the excellent mechanical properties of Garnica plywood – lightness, stability and machinability – with an insulating and ultralight material such as XPS produces a panel with excellent performance.

Also available in decorative HPL – in different colours such as white, light grey and black – provides great looks and resistance to impact and scratches.

Glue Type: Class 1 (interior) according to the rule EN 314-2

Emission: Class E1

Quality faces: BB/BB

Applications/Uses

Specifically designed for applications seeking to lighten weight load, such as the transport industry, set designers, shopfitters, exhibition contractors, kitchen and furniture makers, door manufacturers, or where thermal insulation is especially important, such as doors, roofs or panelling.



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FSC certified
products



Fireshield

Fire Rated Modified Plywood for Flame Retardant Interior Applications



Key Features

- **Structural interior applications***
- Fire retardant certified under the most demanding testing methods including Euroclass B-s1-d0 according to EN13501
- Fire retardant even after cutting or machining
- Lightweight and easy to machine
- Stability and dimensional uniformity
- Sustainable European plantation



Innovation that challenges flames

Plywood modified by an innovative treatment that renders the entire panel exceptionally fire resistant, certified by the most demanding tests even after cutting or machining.

Wide variety of formats available to suit any type of project.

100% sustainability and lightness due to its composition based on fast growing European plantation wood.

Glue Type: Class I (interior) according to the rule EN 314-2

Emission: Class E1. CARB P2 & TSCA VI low formaldehyde emission (on demand)

Quality faces: BB/BB

Applications/Uses

Ideal panel for construction projects of restaurants, auditoriums, schools and other public buildings, built-in furniture, shopfitting, exhibition stands etc. Euroclass B-s1-d0 certification confirms excellent performance in fire resistance tests.

*Any changes to Flame Retardant Panels or Timber may affect its performance. The field of application given in the classification report should always be compared with the specification of the timber components to be used in any particular project, to ensure that the classification in the report can be taken to apply to the timber products to be used in the project.



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CARB Phase 2





To find out more, visit lathamtimber.co.uk
or email info@lathams.co.uk

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