



HANSON

2018

PLYWOOD

HARDBOARD

FLEXIBLE PANELS

OSB

BLOCKBOARD

DECORATIVE VENEERED PANELS

MDF

TIMBER PANELS

FIRE RETARDANT

CHIPBOARD

DOOR BLANKS

PANEL PROCESSING



Hanson
PLYWOOD LIMITED

About Us

An extensive range of panel products

Hanson Plywood Ltd offer a service tailored to the individual requirements of a varied, diverse and ever-growing customer base. Our clientele range from general construction companies to high quality furniture manufacturers and all the way back to architects working on their initial specification.

We procure goods from sustainable forests around the world with an objective to promote the use of fully certified and fit for purpose products.

Our company ethos is to strive, to advise and assist at all levels to ensure the technical requirements of all industries can be met.

Quality

Continual investment in our head office and warehouse facility ensures that quality of product and the best service will be guaranteed for many years to come.

The company currently operates using a quality management system certified to the ISO 9001 standard. This enables us to consistently challenge ourselves to evolve, improve and adapt our business to meet the demands and requirements of our customers.

We are also able to offer add-on services such as cutting, machining, laminating and veneering. By working closely with the market leaders within these specialist industries, we can offer the best available product and service.



Environment

We are members of the Timber Trade Federation (TTF) and as such, we are signatories to the Responsible Purchasing Policy. The policy has provided a strong foundation for our robust Due Diligence System, which allows us to ensure that all products are at negligible risk of originating from illegal sources under the EU Timber Regulation (EUTR).

We are compliant with both FSC® and PEFC™ Chain of Custody schemes and have pledged to the WWF Forest Campaign to ensure that all of our products are certified by 2020. Our implementation of an Environmental Management System that meets the requirements of ISO 14001 enables us to reduce and mitigate risks of any potential adverse impacts to the environment that can be caused by the operation of our business.

Involvement in the TTF's Forests Forever Board means that Hanson Plywood are at the forefront of environmental issues and are proactive in promoting sustainable sourcing throughout the UK timber industry.

Our aim has and always will be to create a path of sustainability, through the development of a balance between the economic, environmental and social aspects of our business.

Using BisTrack™ business management software and supporting technologies, we have never had greater control and transparency throughout our supply chain.

Staff

Investment in the latest technology helps us to deliver the goods you require on time, within budget and the correct specification for the job.

The sales team has a wealth of experience ensuring that the products we supply are the products you require. Our accounts, administration, transport and warehousing departments work seamlessly in support.





This guide is intended to be a concise and easily usable reference document for buying and specification purposes. It is an illustration of the main product lines and items of stock available from our Halifax base.

Our complete range of products is vast and continually being expanded. If there is anything you require not listed in our catalogue, please contact our sales team who will be able to assist you with your specific panel requirements.

Prices listed are not our quoted selling rates, they are intended as an indication of the prices per sheet for the various products based on pack quantities.

Our experienced sales team are on hand to advise in greater detail on product specifications, suitability for purpose, technical enquiries and competitive pricing.

Applicable Standards

Look out for our applicable standards on each product category page. This provides a concise list of key standards relevant to the range of products in that section.

Please contact our sales team for more information.

Plywood	09
Specification	10
Architects, Designers and Specifiers	12
Quick Reference Guide - Plywood	13
Hardwood	14
Marine	15
Softwood	15
Poplar	16
Birch	18
Concrete Formwork Panels	24
Patterned Phenolic Film Faced Birch	25
OSB	27
OSB/3	28
SmartPly SiteProtect	28
MDF - HDF - Hardboard	31
Standard	32
Matchboard	32
Lightweight	34
Ultralight	34
Moisture Resistant	34
Exterior	34
Hardboard	34
Chipboard	37
P2 Furniture Grade	38
P3 Moisture Resistant	38
P5 Flooring	38
Blockboard - Timber Panels - Door Blanks	41
Blockboard	42
Pine Panels	42
Oak Panels	42
Door Blanks	42
Flexible Panels	45
Plywood	46
MDF	46
Decorative Panels	49
MDF	50
Plywood	50
Blockboard	50
Flexi Veneer	51
Chipboard	51
Custom Veneering Solutions	52
Fire Retardant Panels - Building Boards	55
Multi-Pro/Multi-Pro XS	56
Multi-Rend	56
MoistSure	56
Classifications and Standards	58
Plywood	60
MDF	60
OSB	60
Panel Processing	62
Appendices	63



Product Utilisation and Specification Guidance

Hanson Plywood Ltd strongly recommend that customers refer to the Panel Guide.

The fourth edition was updated in 2015 to reflect changes under the Construction Products Regulation. A copy of this document is available to download via our website: www.hanson-plywood.co.uk

It explains the current legislation (UK and European) affecting the use of wood-based panels in the UK construction industry and the design/decision-making process involved in selecting a panel for a specific end use.

The panel guide and wood-based panels is intended to be used as a reference source for all types of wood-based panel, giving information quickly and in a simple and concise form as and when it is required.

The guide is prepared as a collaborative project between the Wood Panel Industries Federation, National Panel Products Division (a division of the Timber Trade Federation), and TRADA Technology Limited.

RIBA Product Selector/NBS Plus

Working with the Royal Institute of British Architects, our products are now available for architects and specifiers online on the RIBA Product Selector website (www.ribaproductselector.com).

RIBA Product Selector allows users to search for suitable and appropriate products based on the type of job or project to be carried out. To this end, we have a range of products satisfying the criteria for multiple categories.

Our products can also be designated on architectural drawings and building specifications through RIBA's NBS Plus software. Since products are already authored by RIBA, they can therefore be confidently specified at the beginning of the design process.

Accompanying our involvement with RIBA are dedicated Product Data Sheets for the products listed. These are also available to download from our website: www.hanson-plywood.co.uk



Construction Products Regulation

The Construction Products Regulation (CPR) has been in force since 1st July 2013.

From this date, all wood-based products covered by a harmonised European Standard will be required to declare their performance characteristics via CE marking in order to be placed on the UK and EU construction products markets.

In the case of wood-based panel products, 'BS EN 13986:2004 wood-based panels for use in construction' refers.

To reflect the new CPR, section 7 of UK Building Regulations is also being amended to adopt CE marking as the primary route to demonstrate it is fit for purpose in the UK.

Products within the scope of the CPR can be identified via marks on the products and/or the delivery notes. Full CE marking information along with Declarations of Performance are available on request from our sales team.

Under the Construction Products Regulation, we request and store Declarations of Performance on all stocked products.

Our staff are trained and knowledgeable about the regulation and can assist with all queries relating to product performance.



EU Timber Regulation

Companies that import wood products from outside of the EU have a responsibility for ensuring their legality under the EU Timber Regulation (EUTR) No 995/2010.

Hanson Plywood Ltd are fully committed to this legislation and a robust Due Diligence System is in place to best ensure that we only source products from legal and sustainable sources.

This system is checked regularly by a competent authority to guarantee that our methods remain up-to-date and effective.

As an 'Operator', records of purchases including origin, species of tree and country of harvest where applicable will be requested from suppliers.

Hanson Plywood's Due Diligence System uses the Timber Trade Federation's Responsible Purchasing Policy as its foundation. As members of the TTF we have had in place a Due Diligence System since 2007. It has since been developed into a framework to assist with EUTR compliance, enabling us to ensure that all of our products are sourced from legal and sustainable forests.



Connect with us on social media



Just search 'Hanson Plywood' or look at the links on our website at:

www.hanson-plywood.co.uk





Applicable Standards

- BS EN 313 – Plywood classification and terminology
- BS EN 314-2 – Bonding quality
- BS EN 635 – Plywood classification by surface appearance
- BE EN 636 – Plywood specification
- BS 1088 – Marine plywood requirements

Plywood is made of three or more layers of wood veneer bonded together with an adhesive.

Each layer of veneer is usually oriented with its grain running at right angles to the adjacent layer in order to produce a strong, mechanically balanced and stable panel.

Specification	10
Architects, Designers and Specifiers	12
Quick Reference Guide - Plywood	13
Hardwood	14
Marine	15
Softwood	15
Poplar	16
Birch	18
Concrete Framework Panels	24
Patterned Phenolic Film Faced Birch	25

Plywood

Specification of Plywood and Performance Criteria

Plywood manufactured for construction purposes is specified in accordance with EN 636. Products claiming compliance with this standard must also carry the specified markings, which includes a reference to EN 636. This standard was originally in three parts, but was reissued in 2003 in a single part as follows:

EN 636 : 2003 : Plywood – Specifications

The 2003 edition of EN 636 retains the designations -1, -2 and -3 from the previous three part standard to represent dry, humid or exterior conditions of use.

The environmental conditions for which each of these types of plywood are considered suitable are defined according to the parameters laid down for use classes in BS EN 335 durability of wood and wood-based products. Use classes: definitions applicable to solid wood and wood-based products.

Dry Conditions: For interior applications with no risk of wetting, defined in Use Class 1, with a moisture content corresponding to environmental conditions of 20°C and 65% relative humidity.

Humid Conditions: For use in protected exterior applications as defined in Use Class 2, with a moisture content corresponding to environmental conditions of 20°C and 85% relative humidity.

Exterior Conditions: For use in unprotected external applications, as defined in Use Class 3, where the moisture content will frequently be above 20%.

EN 636 also introduces bending strength and modulus classes based on bending tests to EN 310. These give a designated strength (F) and modulus (E) parallel and perpendicular to the face grain. An example designation would therefore be F10/20, E30/40.

EN 636 gives minimum values for each of the classes and EN 12369-2 gives corresponding characteristic values for use with each of these classes.

Plywood for use in construction must demonstrate compliance with the Construction Products Directive (CPD). The most straightforward route to achieving this is by demonstrating compliance with EN 13986, and therefore must carry a CE mark.



The properties required of panels in EN 636 are shown in the table below:

Property	Standard	Plywood Type to EN 636			
		Dry	Humid	Exterior	
Dimensional Tolerance	EN 315	✓	✓	✓	
Bonding Quality	EN 314-2	Bonding Class 1	Bonding Class 2	Bonding Class 3	
Mechanical Properties	Structural -characteristic values -bending strength	EN 636/EN 310/EN 12369-1 or EN 789/EN 1058	✓	✓	✓
	Non-structural -bending strength	EN 310	✓	✓	✓
Formaldehyde Emission	Construction	EN 13986	E1 or E2	E1 or E2	
	Non-construction	EN 636/DD ENV 717-1/ EN 717-2	E1 or E2	E1 or E2	E1 or E2

Advice on Specification and Treatment of Exterior Plywood

Exterior service, in building terms, covers a wide range of situations from full and severe exposure (sign boards, sea front fascias) to sheltered and protected (soffits under porches and balconies). There are also applications other than in buildings that impose similar stresses on plywood in service.



Two different exterior situations where plywood has a long history of successful use can be recognised:

- Exterior but not protected - where direct wetting of surfaces and edges is unlikely once construction is completed. Applications such as this (sheathing, soffits, roof decking, etc.) are designated as 'Use Class 2' according to BS EN 335:2013 ('Durability of wood and wood-based products - Use classes: definitions, application to solid wood and wood-based products'). In Eurocode 5 (EN 1995-1-1) and structural design terminology, these applications would be more closely aligned to the in-service, environmental conditions expected of Service Class 2. Applications such as these would require plywood that is suitable for Humid Conditions that meets EN 636-2.
- Full exposure to weather (characterised by the possibility of high moisture content in service, driving rain and full exposure to sunlight). Examples include cladding, fascias, exterior doors and more. These situations fall under Use Class 3 under BS EN 335:2013, and in most cases would meet the environmental conditions of Service Class 3 under Eurocode 5. Plywood that meets the requirements of EN 636-3 for use in Exterior Conditions is appropriate for these uses.

The factors of exterior exposure that can be significant to the performance of plywood are:

- Rain (particularly wind-driven) and where drying-out is slow.
- Fluctuations in relative humidity.
- Sunlight, particularly on south-facing aspects and dark coloured surfaces.
- Fungal organisms.
- Frost, insect attack and severe chemical pollution may sometimes also have an adverse effect on the service life of plywood.

Rain, either wind-driven or running down the facade of a building, can be rapidly absorbed by unprotected end grain of timber.

Plywood contains much end grain around the edges which must be protected if satisfactory performance is to be achieved. If the edges are not protected, water can enter and give rise to stresses which can eventually cause splitting of the wood and separation of the veneers around the edges even of 'exterior' bonded panels. In the shorter term, it often gives rise to unsightly staining behind a finish and can lead to mould growth, blistering of paint and ultimately decay.

It is, therefore, imperative that the edges of all panels are protected if satisfactory performance can be achieved.

Water usually penetrates much more rapidly than is lost. This is particularly the case if its entry is localised, such as through an area of improperly applied edge sealant. Under these conditions, water can be trapped for long periods behind fairly impermeable finishes, putting considerable demands on the durability or preservation treatment at the plywood and the adhesion of the finish.

Durability of Glue Bonds

Plywoods are produced with glue bonds which range from those suitable for interior uses only, to those which will withstand full exposure for long periods.



BS EN 314-2 Plywood bonding quality. Requirements define three classes on the basis of test requirements that the plywood bond must meet:

Class 1: Dry conditions (interior, dry uses).

Class 2: Humid conditions (protected external service, 'damp' internal uses and limited exposure during construction).

Class 3: Exterior conditions (exposure to weather over substantial periods or continuous exposure to relative high humidity).

Full Exterior Bonding

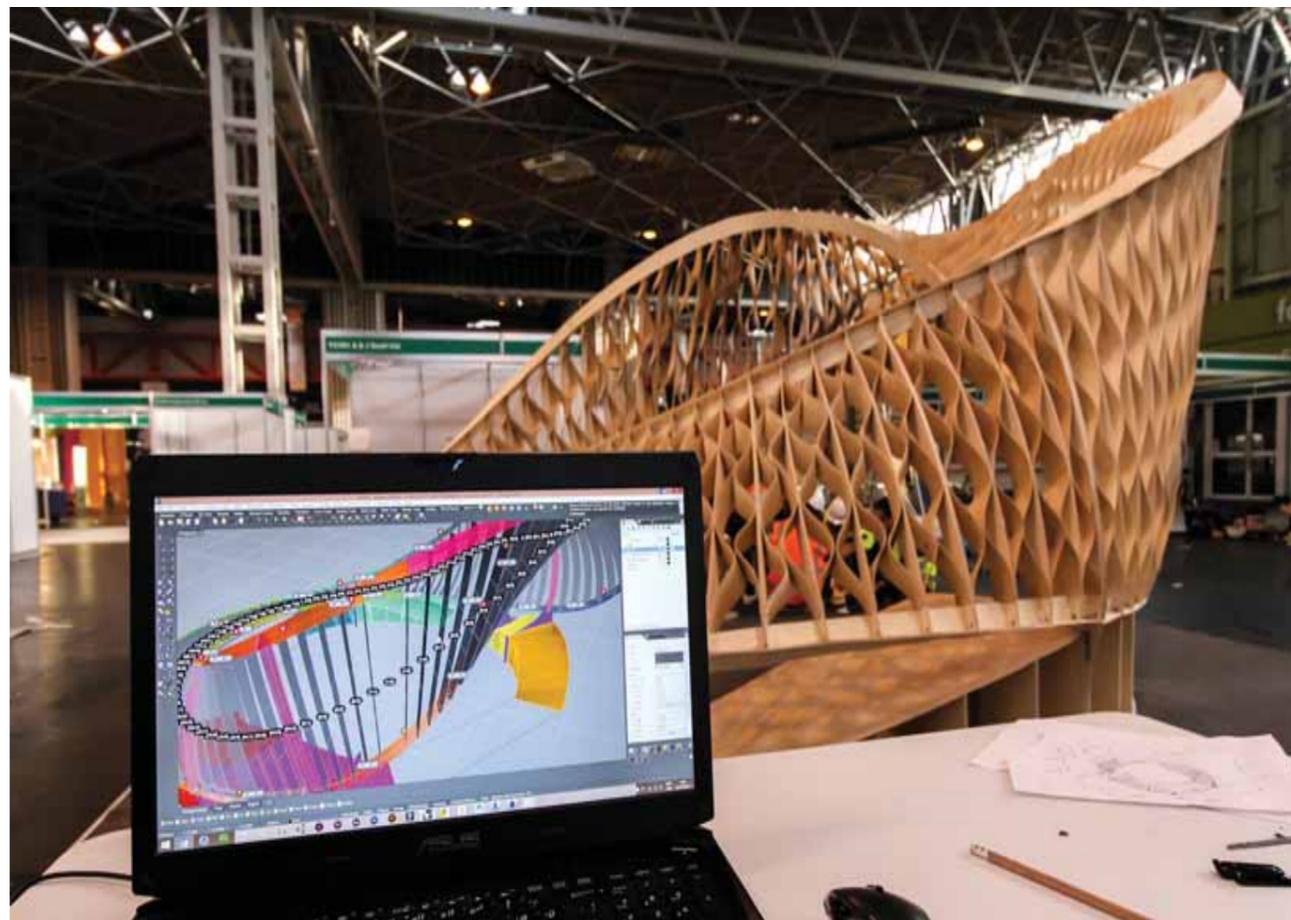
Class 3 bonds are a requirement for plywood to comply with BS EN 636-3. The bonds are largely comparable with what were known as WBP - weather and boil-proof bonds (to BS 6566 Part 8, now withdrawn), except that the requirement that effectively they be made with phenolic-type glues has now been dropped. To qualify, the bond must now meet the stipulated test requirements.

Architects, Designer and Specifiers

We offer a full and comprehensive guidance service to ensure the correct products are used for all applications.

Products are:

- Manufactured to the latest industry standards and are compliant with the Construction Products Directive (CPD).
- CE marked and carry a Declaration of Performance (DOP) in accordance with EN 13986.
- Environmentally compliant to EUTR (European Union Timber Regulation) Chain Of Custody (COC) FSC®/PEFC™.



Quick Reference Guide - Plywood

Applicable Products	Typical Applications	Service Class (see definitions)	Applicable Standards	Minimum Requirement
† Performance Plywood® † Birch Plywood † SP101 Plywood® † Light Weight Plywood Far Eastern Type Plywood (Malaysian/Indonesian/Chinese)	Internal applications with minimal exposure to moisture. All internal joinery, flooring underlay, pipe boxing, doors, hatches, weight saving applications etc.	1 - Dry	EN 636:2003	Class 1
			EN 314-2 Plywood bond quality	Class 1
			EN 310 - Bending test	Refer to test data
			EN 13986 - Wood-based panels for use in construction	CE Marked
† Performance Plywood® † Birch Plywood † SP101® Far Eastern Type Plywood (Malaysian/Indonesian/Chinese) Softwood Constructional Plywood (Finnish Spruce, Elliotts Pine, etc)	Internal joinery with temporary exposure during construction - Floors, flooring underlay, walls, roof decking, linings, hoardings, protection etc.	2 - Humid	EN 636:2003	Class 2
			EN 314-2 Plywood bond quality	Class 2
			EN 335 - Durability of wood and wood-based panel products	Class 2**
			EN 310 - Bending test	Refer to test data
† Performance Plywood® Marine Plywood BS1088 (Independently Verified)	All internal and external joinery which may be submitted to long term exposure to wetting/weather. Construction - Floors, walls, roof decking, soffits, linings, signs etc	3 - Exterior	EN 636:2003	Class 3
			EN 314-2 Plywood bond quality	Class 3
			EN 335 - Durability of wood and wood-based panel products	Class 3**
			EN 310 - Bending test	Refer to test data
			EN 13986 - Wood-based panels for use in construction	CE Marked

Plywood for permanent use in construction must demonstrate compliance with the Construction Products Directive (CPD) via the use of CE Marking.

*This table is designed for guidance only and all specific performance requirements for particular projects should be cross checked in detail.

**Where durability cannot be confirmed, further treatment may be required to achieve satisfactory performance in these areas.

Please note, this table covers plywood products only.

OSB, MDF and chipboard will be the best choice for certain applications.



All products are reviewed by a robust Due Diligence System in line with EUTR (European Union Timber Regulation) requirements - FSC® and PEFC™ certified material available on request



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Hardwood Plywood

Performance Indonesian Plywood®

EN 636-3 EN 314-2 Class 3 Bond E1 Glue CE Marked. FSC® Certified

Alternative to general commercial marine plywood offering full classification. CE Marked for performance in all conditions.

Size	3.6mm	5.5mm	9mm	12mm	15mm	18mm	25mm
2440 x 1220mm	-	£15.40	£23.34	£30.14	£37.68	£43.89	£63.36
3050 x 1220mm	£16.94	£21.95	£33.22	£43.45	-	£65.45	-
3050 x 1525mm	-	£27.45	£41.53	£54.34	-	£81.95	-

Uses

Construction, portable buildings, roofing and flooring, joinery, vehicle body building

SPI01® Hanson Indonesian Special Overlay

EN 636-2 EN 314-2 Class 3 Bond E1 CE Marked. FSC® stock available

Specifically manufactured with accurate dimensional tolerances and surface quality. Superior medium to lightweight plywood suitable for a variety of applications which demand a specific fit for purpose panel. Available in sheets of 2440 x 1220mm.

Size	2.7mm	3.6mm	5.5mm	9mm	12mm	18mm	25mm
2440 x 1220mm	£8.27	£11.55	£16.94	£23.87	£31.46	£44.55	£59.07

Uses

Flooring, laminating, veneering, joinery, furniture

Malaysian Plywood

EN 636-2 EN 314-2 Class 3 Bond E1 Glue CE Marked. PEFC™ and FSC® Certified stock available

A reliable general purpose plywood.

Size	3.6mm	5.5mm	9mm	12mm	15mm	18mm	22mm	25mm
2440 x 1220mm	£9.86	£13.50	£18.22	£23.22	£28.95	£34.20	£42.25	£47.90

Uses

Joinery, shopfitting, portable buildings, construction, vehicle body building, roofing, flooring, furniture manufacturing

FSC® Certified Hardwood Plywood

EN 636-2 EN 314-2 Class 2 Bond E1 Glue CE Marked

For end uses where the materials used must be from certified and sustainably managed forests. Customers are advised to check suitability prior to purchasing this product.

Size	3.6mm	5.5mm	9mm	12mm	15mm	18mm	25mm
2440 x 1220mm	£9.15	£11.95	£15.88	£20.13	£25.59	£29.16	£41.10

Uses

Joinery, shopfitting, portable buildings, construction, furniture

Chinese Hardwood Plywood

EN 636-2 EN 314-2 Class 2 Bond E1 Glue CE Marked

General purpose panels. Customers are advised to check suitability prior to purchasing this product.

Size	3.6mm	5.5mm	9mm	12mm	15mm	18mm	25mm
2440 x 1220mm	£8.45	£10.95	£14.68	£18.62	£23.95	£26.98	£38.00
3050 x 1220mm	£18.25	£19.95	£26.62	£39.40	£51.14	£54.25	£83.94
3050 x 1525mm	£22.69	£24.90	£32.35	£48.60	£63.93	£66.70	£105.00

Uses

Joinery, shopfitting, portable buildings, construction, furniture

Marine Plywood - BS1088 Lloyds Approved

Okoume Marine Plywood

BS1088:2003 EN 314-2 Class 3 Bond E1 Glue CE Marked

Okoume throughout marine grade plywood, Class 3 exterior glue - manufactured in accordance with BS 1088:2003 and guaranteed for 20 years from manufacture.

Size	4mm	6mm	9mm	12mm	18mm	25mm
2440 x 1220mm	£32.78	£45.32	£52.76	£65.52	£91.32	£130.10

Uses

General joinery, boat building, panels in exposed areas

Softwood Plywood

Softwood Plywood

EN 636-2 EN 314-2 Class 3 Bond E1 Glue CE Marked. FSC® C+/C Hanson Elliottis Pine Plywood

Various species of softwood plywoods for various needs.

Type	Size	9mm	12mm	15mm	18mm	24mm
Hanson Elliottis Pine Plywood	2440 x 1220mm	£13.40	£17.50	£21.17	£24.95	£32.25
FSC BBA Elliottis	2440 x 1220mm	£12.90	£17.50	£20.20	£25.90	£31.28
FSC II/III Hanson Softwood Pine	2440 x 1220mm	-	£20.75	-	£29.95	£40.85
PEFC Finnish Spruce	2440 x 1220mm	-	£24.15	-	£31.50	£41.75

Tongued and Grooved Structural Softwood Plywood

EN 636-2 EN 314-2 Class 3 Bond E1 Glue CE Marked. FSC® Certified

Various species of softwood plywoods for various needs.

Type	Size	18mm	21mm
T & G 4 Edges	2440 x 600mm	£17.22	£21.33
T & G 2 Long Edges	2440 x 1200mm	£31.26	-

Uses

Construction, packaging, roofing, flooring, hoarding, formwork

|| Panguaneta Lightweight Poplar/Ilomba Plywood - PEFC™ and FSC® Certified

Combines significant weight saving with high quality faces. Extremely accurate thickness and dimensional tolerances.

Poplar Throughout Plywood EN 636-1 EN 314-2 Class 1 Bond E1 Glue

Thickness	3mm	4mm	6mm	9mm	12mm	15mm	18mm	25mm	30mm
Grade	AB/AB	AB/AB	AB/AB	AB/BB	B/BB	B/BB	B/BB	B/BB	B/BB
2500 x 1200mm	£15.90	£20.80	£27.76	£27.34	£34.80	£38.50	£44.25	£61.45	£80.00
3120 x 1220mm	POA								
3120 x 1530mm	POA								

Uses

Veneering, laminating, joinery, shopfitting, furniture, exhibitions, stage sets, laser cutting, model making, automotive applications

3120 x 1870mm and 3120 x 2120mm also available. **Please enquire with our sales team for details.**

Pure Glue Eco Poplar Throughout Plywood

EN 636-1 EN 314-2 Class 1 Bond CARB Phase II - NAF (No Added Formaldehyde) Certified

All the attributes of Poplar Throughout Plywood with the added benefit of a scientifically formulated and eco-friendly, no Added Formaldehyde (NAF) certified resin. Available to forward order.

Thickness	3mm	6mm	9mm	12mm	15mm	18mm	25mm	30mm	40mm
Grade	B/BB								
2500 x 1220mm	£16.55	£28.50	£31.58	£43.45	£49.72	£54.96	£74.88	£94.70	£130.56

Uses

Furniture, display, automotive, boat building, public buildings

Ilomba Twin Plywood

EN 636-1 EN 314-2 Class 1 Bond CE Marked

Thickness	3mm	6mm	9mm	12mm	15mm	18mm	25mm	30mm	40mm
Grade	B/BB								
2500 x 1220mm	£20.70	£22.60	£28.70	£35.85	£41.50	£49.80	£67.20	£85.75	£120.00

Specialty Poplar/Ilomba Panels

We are also able to offer a range of speciality Poplar Plywood panels that present a variety of solutions for many applications.

These products include:

- **Pangua - Prime** - Plywood primed on both sides with acrylic water based paint which eliminates a step in the finishing process.
- **Pangua - Lam** - Plywood coated with CPL or HPL with thicknesses from 0.3mm to 0.9mm.
- **Pangua - Fire** - Plywood impregnated and coated with reactive coatings to meet the needs of the Euro Class B s2Do according to EN 13501-1.

Please check availability with our sales team.



PANGUANETA

Plywood For Life



Plywood made in Panguaneta
Renewable, ecological, sound, convenient, high performance and hi-tech.

The best choice for a wide range of industrial applications.

RANGE Classic

VERSATILE AND FUNCTIONAL

A collection of products to satisfy all the demands of general use. A quality that guarantees the adaptation to all the solutions in the fields of joinery, retailers and construction.

Tutto-Pioppo PEFC certified

LIGHT WEIGHT ITALIAN POPLAR PLYWOOD
EN636 EN314-2 CLASS1 BOND CE MARKED

Poplar plywood totally made of poplar veneers. Outer faces with longitudinal grain. Cross grain or unidirectional grain available on request.

RANGE Superior

RELIABLE AND STABLE

A range devoted to particular purposes and to the most innovative makings. It is represented by well-selected products, high characterization and extremely careful quality control.

Ilomba-Superior

ILOMBA FACED PLYWOOD
EN636 EN314-2 BOND CE MARKED

Plywood panel made of outer faces peeled exotic Ilomba with poplar inner-layers. Outer faces with longitudinal grain. Panguaneta exotic plywood meets the programs for forest sustainable development.

RANGE Eco

CERTIFIED AND TRACEABLE

This range meets the requirements of the sustainable industry thanks to the selection of environment-friendly raw materials, and it represents a very valuable contribution to the eco-friendly manufacturing.

PureGlue Plywood

AVAILABLE FOR MOST OF OUR RANGES

FSC Certified - Made with no added formaldehyde, through an innovative non-toxic gluing system, developed to reduce formaldehyde emissions and to contribute to improve air quality within schools, houses, industrial and recreational vehicles.



RANGE Project

TECHNOLOGICAL AND REFINED

This is an expert set, with high technology panels, realized to develop new functionalities and higher performances. They are used in the processing and creative industry and in urban furniture.

Pangua-Lam

LIGHT WEIGHT ITALIAN POPLAR PLYWOOD
EN636 EN314-2 CLASS1 BOND CE MARKED

Plywood coated with CPL or HPL laminate with variable thickness from 0.2 to 0.9 mm. Finish particularly suitable for structures where load and bending resistance are required.

|| Birch Throughout Plywood

Hanson Plywood Ltd are birch specialists and carry some of the largest and most varied stocks available.

Birch Grades and Properties

			
B & S+	BB	CP	C
Solid veneers with no open defects or plug repairs. Suitable for high quality paint/stain or lacquer finish where the end product is open to display. Please be aware that S+ does allow more discoloration.	Mainly solid face veneers with some small repaired veneer splits and pin knots. Larger open knots are repaired using wooden plugs. Some solid light and dark knots are admissible. Suitable for applications where a solid surface is needed but the visual aspects are not so critical.	Generally as BB but with the possibly of more repairs, open defects and discoloration. This grade can also arise from the downgrade of higher quality grades. Suitable for applications where a strong core is needed but the accepted face quality can be more varied.	Usually un-sanded and allows a larger range of open defects. Suitable for applications where a strong solid core is needed but face quality does not matter.

When a product shows a single veneer grade, this means that the panel is the same grade on the face and the back. When two grades are displayed (e.g. B/BB) then this means that the first grade is the face grade and the second is the back.

|| Quick Reference Guide - Birch Plywood

Typical values collated from Finnish, Russian and Latvian production standards

Thickness	4mm	6mm	9mm	12mm	15mm	18mm	21mm	24mm	27mm	30mm	35mm	50mm
Grade	B, BB, BB/CP, WG	B, BB, BB/CP, WG, C	B, BB, BB/CP, WG, C	B, BB, BB/CP, WG, CP, C	B, BB, BB/CP, WG, CP, C	B, BB, BB/CP, WG, CP, C	BB, BB/CP, C	B, BB, BB/CP, C	BB	BB, BB/CP	BB/CP	BB
Typical Density	680-720kg/m ³											
Typical Weight/ 8x4 (Kg)	7.7	11.5	17.3	23	28.8	34.6	40.3	46.1	51.8	57.6	76.8	107.1
Number of Plies	3	5	7	9	11	13	15	17	19	21	25	36
Gluing Options	E1 Int/Ext											
Thickness Tolerance (mm)	+0.3/-0.5	+0.4/-0.5	+0.4/-0.6	+0.5/-0.7	+0.6/-0.8	+0.7/-0.9	+0.8/-1.0	+0.9/-1.1	+1.0/-1.2	+1.1/-1.3	+1.05/-1.45	+1.5/-1.9

*For further detailed information such as structural detail and help with specifications, please contact our technical team.



Sustainability is always a priority

multiply* Quality Throughout

birch plywood company



Specialists in high quality Russian Birch Plywood. We offer S+/BB, BB, BB/CP,CP,C Phenol film faced panels in both mesh/smooth and smooth two sides. Sizes include 2440x1220, 2500x1250, 1220x2440, 1250x2500, 1525x525 & 1525x3050.

Multiply offers **quality throughout** in both service and products “**bringing the UK closer to the world’s largest resources of Birch Plywood**”

Contact Multiply Birch Plywood Company



The mark of responsible forestry
FSC® C007915



European Birch Throughout Plywood
EN 636-2 EN 314-2 Class 3 Bond E1 Glue CE Marked. FSC® and PEFC™ Certified

Thickness	4mm				6/6.5mm			
	S+/BB	BB	BB/CP	BB/WG	S+/BB	BB	BB/CP	C
2440 x 1220mm	£26.30	£17.65	£16.60	-	£28.26	£19.75	£19.20	£14.80
1220 x 2440mm	-	£18.95	£16.60	-	-	£19.75	-	-
1220 x 3050mm	-	-	-	-	-	-	-	-
1525 x 3050mm	-	£26.00	-	-	-	£32.50	-	-

Thickness	9mm				12mm				
	S+/BB	BB	BB/CP	C	B/BB	BB	BB/CP	CP	C
2440 x 1220mm	£32.05	£26.05	£24.95	£20.15	£39.95	£30.40	£29.35	£28.25	£24.60
1220 x 2440mm	-	£26.05	-	-	-	£30.40	-	-	-
1220 x 3050mm	-	£35.85	£32.30	-	-	£43.30	-	-	-
1525 x 3050mm	-	£40.70	£37.05	-	-	£49.00	-	-	-

Thickness	15mm					18mm					21mm		
	S+/BB	BB	BB/CP	CP	C	S+/BB	BB	BB/CP	CP	C	BB	BB/CP	C
2440 x 1220mm	£47.25	£35.70	£33.70	£32.20	£28.75	£54.60	£41.75	£39.65	£37.70	£33.05	£49.20	£46.90	£39.76
1220 x 2440mm	-	-	£33.70	£32.20	-	-	£36.00	-	-	-	-	-	-
1220 x 3050mm	-	£51.70	-	-	-	-	£60.75	-	-	-	-	-	-
1525 x 3050mm	-	£57.50	-	-	-	-	£68.90	-	-	-	£79.25	-	-

Uses
Furniture components, packaging, shopfitting and display cabinets, vehicle body building

Thickness	24mm					27mm		30mm		35mm	40mm	50mm
	S+/BB	BB	BB/CP	CP	C	BB/BB	BB/CP	BB	BB/CP	BB	BB	BB
2440 x 1220mm	£73.35	£56.25	£53.60	£51.00	£45.44	£65.65	£63.20	-	£70.20	£98.90	£110.90	-
1220 x 2440mm	-	£56.25	-	-	£39.65	-	-	-	£70.20	-	-	£170.00
1220 x 3050mm	-	£78.75	-	-	-	-	-	-	-	-	-	-
1525 x 3050mm	-	£89.30	-	-	-	-	-	£115.00	-	-	-	-
1525 x 1525mm	-	-	-	-	-	-	-	-	-	-	-	£130.00

Uses
Furniture components, packaging, shopfitting and display cabinets, vehicle body building

Standard Birch Grades

B/BB
S/BB
BB/BB
BB/CP
BB/C
C

Sizes

2440mm x 1220mm / 2500mm x 1250mm – long & cross grain
2440mm x 1525mm / 2500mm x 1525mm
1525mm x 3050mm
1525mm x 1525mm
Cut sized facility also available.

Special

Film/Smooth
Film/Mesh

Sizes

2440mm x 1220mm
2500mm x 1250mm
1525mm x 3050mm

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T: +44 (0) 203 793 4104 F: +44 (0) 203 793 4105
www.globalpp.co.uk



Products suitable for a variety of applications

European Birch Throughout Plywood
EN 636-1 EN 314-2 Class 1 Bond E1 Glue CE Marked. FSC® and PEFC™ Certified

Thickness	3mm			4mm			5mm		6mm			8mm	9mm
Grade	B/BB	BB	C	B/BB	BB	C	B/BB	C	B/BB	BB	C	C	BB
1525 x 1525mm	£11.90	£7.95	£5.25	£13.25	£9.25	£6.50	£15.50	£7.75	£16.05	£12.40	£9.25	£11.70	£15.95

Thickness	12mm		15mm			18mm			24mm	
Grade	BB	C	B/BB	BB	C	B/BB	BB	C	BB	C
2440 x 1220mm	-	-	-	£35.50	-	-	£42.55	-	-	-
1220 x 2440mm	£28.50	-	-	£35.50	-	-	£42.55	-	-	-
1525 x 2440mm	£34.95	-	-	£45.50	-	-	£52.50	-	-	-
1525 x 1830mm	£28.60	-	-	£37.00	-	-	£41.55	-	-	-
1525 x 1270mm	£14.50	-	-	£17.55	-	-	£20.95	-	-	-
1830 x 1270mm	£21.60	-	-	£24.50	-	-	£34.50	-	-	-
1830 x 1220mm	£24.75	-	-	£30.50	-	-	-	-	-	-
1525 x 1525mm	£19.25	£16.65	£29.80	£23.90	£20.50	£35.90	£28.65	£24.50	£40.20	£34.50

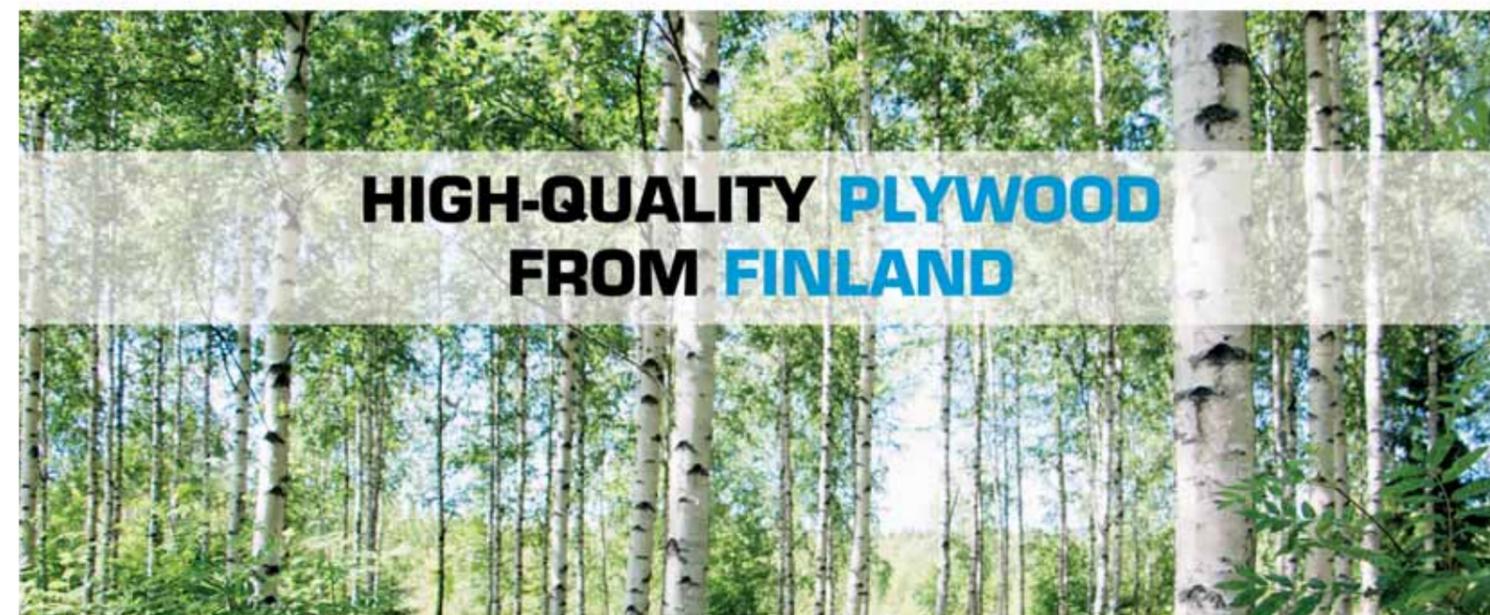
Uses
Furniture components, packaging, shopfitting and display cabinets, laser cutting for the die industry, model making

Lacquer Coated Latvian Birch Plywood
EN 636-1 EN314-2 Class 1 Bond E1 Glue CE Marked

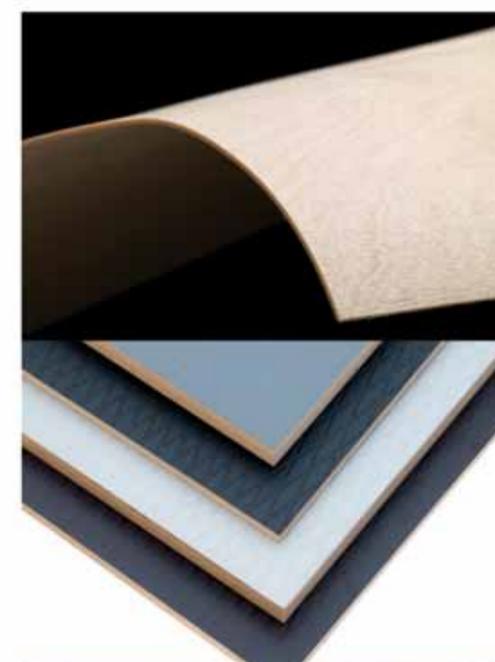
Thickness	12mm
1220 x 2440mm	£65.00

Fire Retardant Birch Plywood
Euroclass B - EN 636-2 EN 314-2 Class 3 Bond E1 Glue CE Marked

Thickness	12mm	18mm
Grade	BB	BB
1220 x 2440mm	£53.85	£85.50



HIGH-QUALITY PLYWOOD FROM FINLAND



KoskiPly birch

Specialist thin (0.4 – 6.0mm) birch plywood for a multitude of industrial and craft applications.

KoskiPly laser

Specialist thin (0.4 – 6.0mm) birch plywood with interior glue suitable for laser cutting.

KoskiDiamond

Hard wearing boards with a tough diamond pattern for the flight case industry.

KoskiStandard

All-purpose uncoated Finnish Birch plywood for demanding decorative, furniture and structural applications.

KoskiCrown, KoskiCarat, KoskiRuby

Flooring panels with a decorative, slip resistant pattern (circular / small diamond / hexagonal) specially designed for the vehicle and cold storage industries.



Hanson Thin Birch Plywood - PEFC™ Certified

Exterior Glue

EN 636-2 EN 314-2 Class 3 Bond E1 Glue CE Marked

Thickness	0.4mm	0.8mm		1mm	1.5mm			2mm
Grade	AB/B	AB/B	BR	BR	AB/B	BR	Hanson Grade	BR
1525 x 1525mm	-	£33.00	£26.50	-	£31.00	£22.50	£19.50	-
1220 x 1220mm	£65.00	£21.53	£19.50	£21.40	-	£15.75	£12.50	£25.20
2400 x 1200mm	-	-	-	-	-	£40.00	-	-
1200 x 2400mm	-	-	-	-	-	£40.00	-	-

Uses

Models, instruments, toys, furniture, shopfitting, engineering, pattern makers

Interior Glue

EN 636-1 EN 314-2 Class 1 Bond E1 Glue CE Marked

Thickness	0.4mm	0.8mm	1mm	1.5mm	2mm	3mm	4mm	5mm	6mm
Grade	BR								
1220 x 1220mm	£75.00	£22.30	£24.90	£19.25	£27.40	£33.80	£43.00	£54.00	£65.00

Uses

Models, instruments, toys, furniture, craft work, laser cutting

C/D Finnish Birch Veneer

Thickness	1.5mm
1600 x 1600mm	£2.40
1600 x 530mm	£0.80

Concrete Formwork Panels

FSC® and PEFC™ Certified

Reusable paper/film coated panels for use in forming concrete structures.

Type	Size	6mm	12mm	18mm
Brown Phenolic Film Faced	2440 x 1220mm	-	£42.35	£60.00
Hanson Brown Phenolic Twin	2440 x 1220mm	-	-	£44.00
MDO	2440 x 1220mm	-	-	£46.20
Chinese Film Faced	2440 x 1220mm	-	-	£31.50

Uses

Formation of concrete structures

Dark Grey Hexa

Thickness	9mm
1220 x 1830mm	£55.00

Patterned Phenolic Film Faced Birch Plywood

FSC® and PEFC™ Certified

High quality birch panels faced with a slip-resistant mesh/hexagon pattern.

Type	Size	6.5mm	9mm	12mm	15mm	18mm	21mm	24mm
Brown Mesh/Smooth	2440 x 1220mm	-	£25.30	£40.65	£48.50	£56.27	-	£74.95
	2500 x 1220mm	-	-	-	-	£57.65	£65.60	-
	1525 x 3050mm	-	-	£89.10	-	£98.20	-	-
Brown Mesh/Smooth Twin	2440 x 1220mm	-	£22.00	-	£38.50	£45.00	-	-
Dark Grey Hexa/Smooth	1525 x 3050mm	-	-	£98.45	-	-	-	-
Light Grey	2440 x 1220mm	£46.65	£48.40	£52.80	-	-	-	-
Black Hexa/Smooth	2500 x 1220mm	£33.45	£38.75	£42.30	-	£68.35	-	-
Brown Hexa/Smooth	2500 x 1220mm	-	-	£41.00	-	£65.10	-	-
Black Diamond/Smooth	2440 x 1220mm	-	£75.00	-	-	-	-	-

Uses

Vehicle body building, stages, flight cases, horseboxes, platforms, walkways

Koskifutura Polypropylene Faced Birch Throughout Plywood

EN 636-2 EN 314-2 Class 3 Bond E1 Glue CE Marked. PEFC™ Certified

Sealed edge birch plywood with a polypropylene coated face, ideal for use in external furniture, toys and playground construction.

Type	Size	12mm
Green	1220 x 2500mm	£79.50

*Other colours, thicknesses and sizes available to special order

Melamine, Painting Film and Grey Phenol Birch Plywood

EN 636-2 EN 314-2 Class 3 Bond E1 Glue. FSC® and PEFC™ Certified

Sealed edge birch panels with a smooth phenol face, ideal for creative uses.

Type	Size	6.5mm	12mm	18mm
White Melamine 2S	2440 x 1220mm	-	£45.00	£75.00
Painting Film/ Phenol - White	2440 x 1220mm	-	-	£57.20
Painting Film/ Phenol - Grey	2440 x 1220mm	-	-	£52.00
Grey Phenol	2440 x 1220mm	£41.00	£62.40	£78.55

Uses

Furniture, shopfitting

*Other colours, thicknesses and sizes available to special order

Polyester Faced Plywood

FSC® and PEFC™ Certified

Polyester faced plywood used for the lining of commercial vehicles.

Type	Size	3.6mm	5.5mm
White Gloss	2440 x 1220mm	£20.60	-
White Matt	2440 x 1220mm	£20.60	-
Light Grey Gloss	2440 x 1220mm	-	£21.37

Uses

Vehicle lining



OSB consists of resin-bonded sheets made up of small, thin strands of wood, compressed into layers to form a mat. It has good dimensional stability with no knots or voids in the structure.

Different grades and thicknesses are available, which mean that this product is suitable for use in a wide range of structural and non-structural applications.

A complete range of OSB, including FSC® certified products, is available for immediate delivery ex stock.

OSB/3	28
SmartPly SiteProtect	28

Applicable Standards

- BS EN 300 - OSB definition, classification and specification



OSB

FSC® OSB/3
CE Marked

Conditioned for use in humid environments.

Size	9mm	11mm	15mm	18mm	22mm
2440 x 1220mm	-	£10.75	£14.50	£17.15	-
2400 x 1197mm	£9.70	£10.35	£14.00	£16.50	-
2697 x 1197mm	£11.20	POA	-	-	-
2400 x 590mm (T & G on 4-edges)	-	-	-	£9.60	-

Uses
Roof decking, roof sarking, wall sheathing, flooring, packaging, hoardings, signboards, portable buildings

FSC® SmartPly SiteProtect
CE Marked

Pre-coated site hoarding panel designed to save both time and money.

Size	18mm
2440 x 1220mm	£24.50

Uses
Site hoarding and protection



Our experienced sales team are always on hand to advise on product specification

We've listened to what you want.

The smoothest surface for the highest quality finish.

Consistently accurate.

Flat as a board. As it should be.

The straightest board you could ever need.

The broadest range of thicknesses for every application.

Readily available in a huge range of sizes.

The market leading board with minimal lead times.

It's here, our smartest OSB yet.

Customers told us they wanted the flattest, smoothest, most accurate boards, in the broadest range of sizes, with the widest availability and minimal lead times.

We listened. Then invested.

To find out more, please visit www.mdfosb.com

SMARTPLY
DEFINING THE STANDARD OF OSB



Applicable Standards

- BS EN 622-1 – Fibreboards specifications: general requirements
- BS EN 622-2 – Fibreboards specifications: requirements for Hardboard
- BS EN 622-5 – Fibreboards specifications: requirements for Dry Process Boards (MDF)

MDF is an engineered wood product consisting of softwood fibres bonded together under high heat and pressure. MDF is a very smooth, high quality board with an equal density across all of the panel. It is easily machinable and has no 'natural defects' such as knots as seen in other panel products.

Hanson Plywood Ltd are one of the largest stockists of MDF in the North of England and offer products from all the major manufacturers. A full range of MDF types, sizes and thicknesses are immediately available ex stock.

Hardboard is a cost effective, wet processed fibreboard that is characterised by its high density of $\geq 900 \text{ kg/m}^3$ in contrast with softboard and mediumboard. It is usually bonded together by the adhesive properties of the wood fibres (although oil or wax or other synthetic resins can sometimes be used).

Standard	32
Matchboard	32
Lightweight	34
Ultralight	34
Moisture Resistant	34
Exterior	34
Hardboard	34



Email: panels@hanson-plywood.co.uk Tel: 01422 330444 Fax: 01422 330706

MDF - HDF - Hardboard

FSC® and PEFC™ Standard

CE Marked

For creative applications such as routing and moulding in addition to general purpose construction and joinery.

Size	3mm	4mm	6mm	9mm	12mm	15mm	18mm
2440 x 1220mm	£4.46	£5.88	£7.30	£9.40	£11.76	£13.13	£15.33
2400 x 1525mm	-	£7.35	£9.08	£11.81	£14.65	£16.38	£19.11
2440 x 1830mm	-	-	-	-	£17.64	-	£22.94
3050 x 1220mm	£4.85	£6.83	£9.08	£11.81	£14.65	£16.38	£19.11
3050 x 1525mm	-	-	-	-	£26.40	£29.40	£34.50
2620 x 2070mm	-	-	-	-	-	-	£34.60

Size	22mm	25mm	30mm	36mm	38mm	50mm	70mm
2440 x 1220mm	£18.80	£21.32	£28.88	£44.47	£47.04	£59.50	£80.30
2400 x 1525mm	-	£26.62	-	-	-	-	-
2440 x 1830mm	£28.14	£31.97	-	-	-	-	-
3050 x 1220mm	£23.47	£26.62	£36.02	£55.65	£58.75	£74.37	£100.38
3050 x 1525mm	-	£49.15	-	-	-	-	-

Uses

Furniture, shopfitting, wall panelling, exhibition displays, public buildings, toys

Matchboard MDF

Pre-grooved moisture resistant MDF available with various profiles. Other sizes/thicknesses are available to special order.

Size	Type	9mm
2440 x 1220mm	W Profile Matchboard on MR MDF	£26.46

Uses

Furniture, model making



Spanolux MDF:

- Specialist in fire retardant MDF with unique B-s1-d0 certified Firax and Firax L boards
- Black and grey colored MDF in moisture resistant and fire retardant quality
- S-Lux Pure with no added formaldehyde (NAF) available from stock in 9/12/18/22/30 mm
- All boards types can be supplied with prime coating
- PEFC and FSC certified

Download our stock program on www.spanolux.com or contact us on sales.spanolux@unilin.com



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PREMIER QUALITY
PREMIER PERFORMANCE
PREMIER FINISH
PREMIER WORKABILITY

WHEN ONLY THE VERY BEST IS GOOD ENOUGH

MEDITE MDF is produced using superior wood refining technology and specially designed resins. Excellent face properties make it suitable for the thinnest laminates and surface coatings.

End-users enjoy consistency of quality and thickness, as well as reduced tool wear. Its weight advantages open up new design possibilities in many applications.

For more info on MEDITE SMARTPLY products, please visit www.mdfosb.com



MDF - HDF - Hardboard

FSC® and PEFC™ Lightweight

CE Marked

For situations where weight must be restricted but reduction in performance must be minimal.

Size	9mm	12mm	15mm	18mm	25mm
2440 x 1220mm	£8.50	£11.45	£12.76	£14.91	£20.79
3050 x 1220mm	-	£14.28	£15.96	£18.59	£25.88

Uses

Mobile homes, furniture, exhibitions, shopfitting, aircraft, shipbuilding

FSC® and PEFC™ Ultralight

CE Marked

Specially engineered variants of MDF. Ultralight MDF is easier to handle, produces less wear on tools and machinery, and can help to reduce the overall weight of the final product.

Size	12mm	15mm	18mm	25mm
2440 x 1220mm	£10.55	£11.76	£13.70	£19.11
3050 x 1220mm	£13.18	£14.70	£17.12	£23.89

Uses

Mobile homes, furniture, exhibitions, shopfitting, aircraft, shipbuilding

FSC® and PEFC™ Moisture Resistant

CE Marked

For applications where there may be limited exposure to moisture. Moisture Resistant boards are usually (but not always) dyed green for identification purposes.

Size	4mm	6mm	9mm	12mm	15mm	18mm	22mm	25mm	30mm
2440 x 1220mm	£5.83	£8.93	£11.24	£14.12	£15.65	£18.38	£22.58	£25.62	£32.03
3050 x 1220mm	£6.95	£11.08	£13.97	£17.64	£19.53	£22.94	£28.19	£32.08	£39.95
2745 x 1525mm	-	-	-	-	-	£30.75	-	-	-

Uses

Architectural mouldings, bathroom furniture, skirting boards, shopfitting, barfitting, furniture, general joinery

FSC® and PEFC™ Exterior

CE Marked

Exterior MDF for use in a wide range of external applications. To be used in accordance with manufacturer's instructions.

Size	6mm	9mm	12mm	15mm	18mm	25mm
2440 x 1220mm	£15.59	£20.69	£25.78	£29.19	£33.60	£46.78
3050 x 1220mm	-	-	£32.24	-	£42.00	-

Uses

Signage, shop fronts, external woodwork, exterior mouldings

Hardboard

CE Marked

Cost effective panel made from highly compressed wood fibres. Usually finished smooth on one side and textured on the reverse.

Type	Size	3.2mm	6mm
Standard	2440 x 1220mm	£4.52	£9.70
Eucalyptus	1220 x 605mm	£1.50	-
Eucalyptus	2440 x 1220mm	£5.50	-
White Painted	2440 x 1220mm	£5.46	-
Perforated	2440 x 1220mm	£8.77	-
Oil Tempered	2440 x 1220mm	£5.80	-

Uses

Furniture, flooring, panelling, protection, roofing

THE UK'S LEADING STRUCTURAL PANEL BRANDS

SterlingOSB®

Strength you can build on

Strong, consistent and great value, the SterlingOSB range is ideal for structural applications.

CaberBoard®

Trusted flooring systems

Versatile flooring system for domestic and commercial floors, CaberBoard is stable, durable and easy to lay.

CaberWood MDF®

Legendary performance

Engineered with consistent density for multiple use throughout the shop fitting, construction and furniture industries.



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Chipboard

Particleboard, or chipboard, consists of woodchips compressed together with resin. It has smooth surfaces without knots or voids. Most chipboards incorporate recycled chipped timber, of which the proportion used in UK manufactured panels is typically between 65%-70%.

Different grades and thicknesses are available, enabling the product to be used in a variety of structural and non-structural applications. Most chipboards incorporate some recycled chipped timber.

P2 Furniture Grade	38
P3 Moisture Resistant	38
P5 Flooring	38

Applicable Standards

- BS EN 312 – Particleboard specifications
- BS EN 309 – Particleboard definition and classification



Chipboard

FSC® and PEFC™ P2 Furniture Grade

CE Marked

A versatile and cost-effective chipboard with many uses. A slightly denser and stronger chipboard with finer chips for better quality.

Size	12mm	15mm	18mm	25mm	30mm	38mm
2440 x 1220mm	10.15	11.40	13.95	16.35	20.10	26.95
3050 x 1220mm	12.70	14.25	17.40	20.45	25.12	33.70
2440 x 1830mm	POA	POA	POA	POA	POA	POA
2620 x 2070mm	POA	POA	POA	POA	POA	POA

Uses

Furniture, veneering, laminating, general joinery, shopfitting, barfitting

FSC® and PEFC™ P3 Moisture Resistant

CE Marked

Moisture resistant chipboard panels.

Size	18mm	25mm
2440 x 1220mm	£17.65	£25.50
3050 x 1220mm	£21.10	-
2440 x 1830mm	£26.50	-

Uses

Flooring

FSC® and PEFC™ P5 Flooring

CE Marked

Moisture resistant flooring boards with interlocking tongues and grooves.

Type	Size	18mm	22mm
Caberfloor/Durelis*	2440 x 600mm	£7.14	£8.82
Caberdek	2440 x 600mm	£9.66	£10.97
Cabershield	2440 x 600mm	£POA	£11.29
Egger Protect	2440 x 600mm	£POA	£11.97

Uses

Flooring

*Additional peel-away film to protect the boards during site work. We also supply fixing kits including glue and tape.

Please enquire with our sales team for details.



Airtightness of board

Based on independent studies



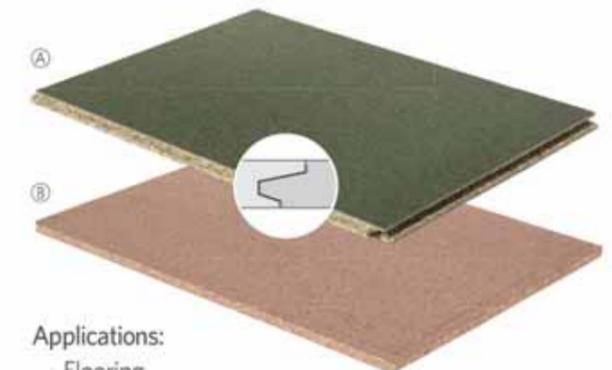
Multipurpose construction boards for timber frame construction

A Vapour Block

- 99% Airtight* (<math><0.001 \text{ ME}/\text{m}^2\text{H PA}</math>)
- Structural Applications
- Vapour Retardant
- No complicated insulation vapour membrane
- Ideal for applications in timber-frame and in low-energy passive house building

B HydroFlam

- P5 Structural
- Eco-friendly Fire Retardant
- Moisture Resistant
- B-S2, d0 European Classification
- Compliant with STA Guidelines
- Reduced Charring Rate



Applications:

- Flooring
- Racking
- Roofing
- Walls



Innovative timber solutions for construction & interior.

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Blockboard

Constructed from timber blocks, edge glued and overlaid with veneer to produce a lightweight, flat and stable panel for interior use.

Timber Panels

Constructed from high quality European Timbers in one-piece laminated blocks.

These boards are used extensively for furniture manufacture, shopfitting and general joinery where a wide, stable panel is required.

Door Blanks

Door Blanks are the base product used for the fabrication of Fire Rated door sets.

Designers therefore have freedom and flexibility on styling and finishing options including paints, veneers and laminates.

Blockboard	42
Pine Panels	42
Oak Panels	42
Door Blanks	42

FLAMEBREAK

Blockboard - Timber Panels - Door Blanks

Blockboard
Lightweight, flat, stable panel for interior use.

Type	Size	18mm
Far Eastern Lightweight	2440 x 1220mm	£28.00
BB Birch Blockboard	2440 x 1220mm	£34.50
Oak Faced Blockboard	2440 x 1220mm	£62.50
Ash Faced Blockboard	2440 x 1220mm	£57.00
Chinese Blockboard	2440 x 1220mm	£26.50

Uses
Furniture, joinery, veneering

Scandinavian Redwood Pine Panels
45mm Lamels - 120 Grit Sanding - PEFC™ Certified
Flat, stable decorative panel for interior use. Edged glued redwood strips bonded to give a stable, wide section panel.

Size	Grade	9mm	12mm	15mm	18mm	25mm	32mm
3050 x 600mm	A/B	-	-	-	£26.55	-	-
3000 x 1220mm	A/B	-	-	-	£52.95	-	-
3000 x 750mm	A/B	£26.50	-	-	-	-	-
3000 x 600mm	A/B	-	£22.50	£23.50	£26.10	£39.50	-
3000 x 500mm	A/B	-	-	-	£22.75	-	-
3000 x 450mm	A/B	-	-	-	£21.75	-	-
3000 x 400mm	A/B	-	-	-	£19.60	-	-
2440 x 600mm*	A/B	-	-	-	£23.30	-	-
2400 x 600mm*	A/B	-	-	-	£22.70	-	-
1830 x 900mm	A/B	-	-	-	-	-	£45.75

Uses
Internal joinery, shopfitting, furniture manufacture
*Individually shrink wrapped.

European Oak Panels
90mm Lamels - 120 Grit Sanding
Available in both long and short grain to produce different shapes.

Type	Size	18mm
European Oak Panels	2400 x 600mm	£105.00

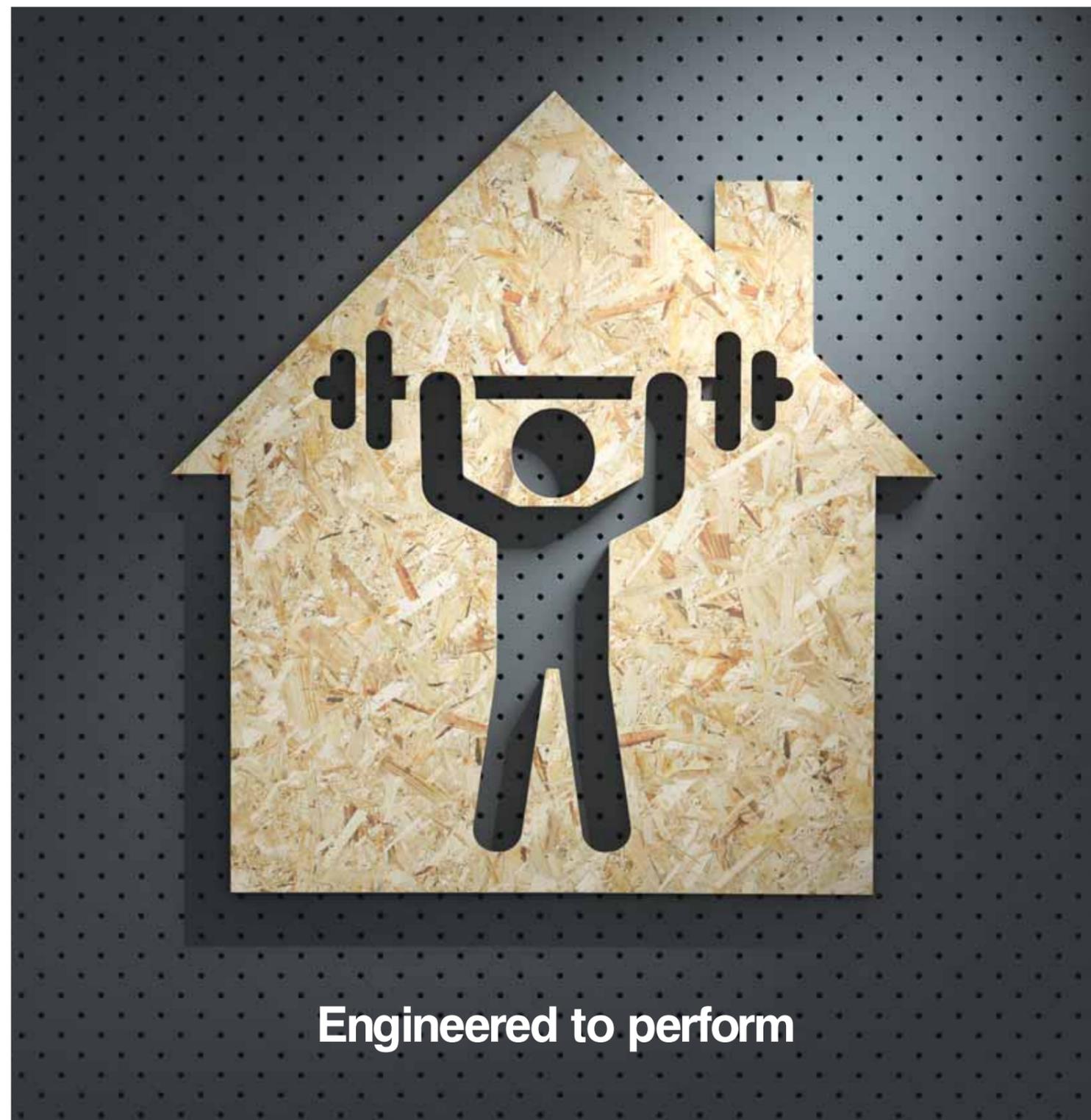
Uses
Internal joinery, shopfitting, furniture manufacture

Flamebreak Door Blanks

Flamebreak is the market leading lightweight door blank for use in new build and refurbishments. Engineered 3 layer light hardwood core for an extremely strong, flat and stable blank.

- PAS 23 and PAS 24 test evidence.
- Acoustic test evidence up to Rw 35dB.
- Thermal test evidence.
- BM TRADA Q-Mark approved.
- 44mm FD30 approximately 40% lighter than standard hardwood core blanks.

A full range of sizes and finishes are available. Please contact our sales team for more information.

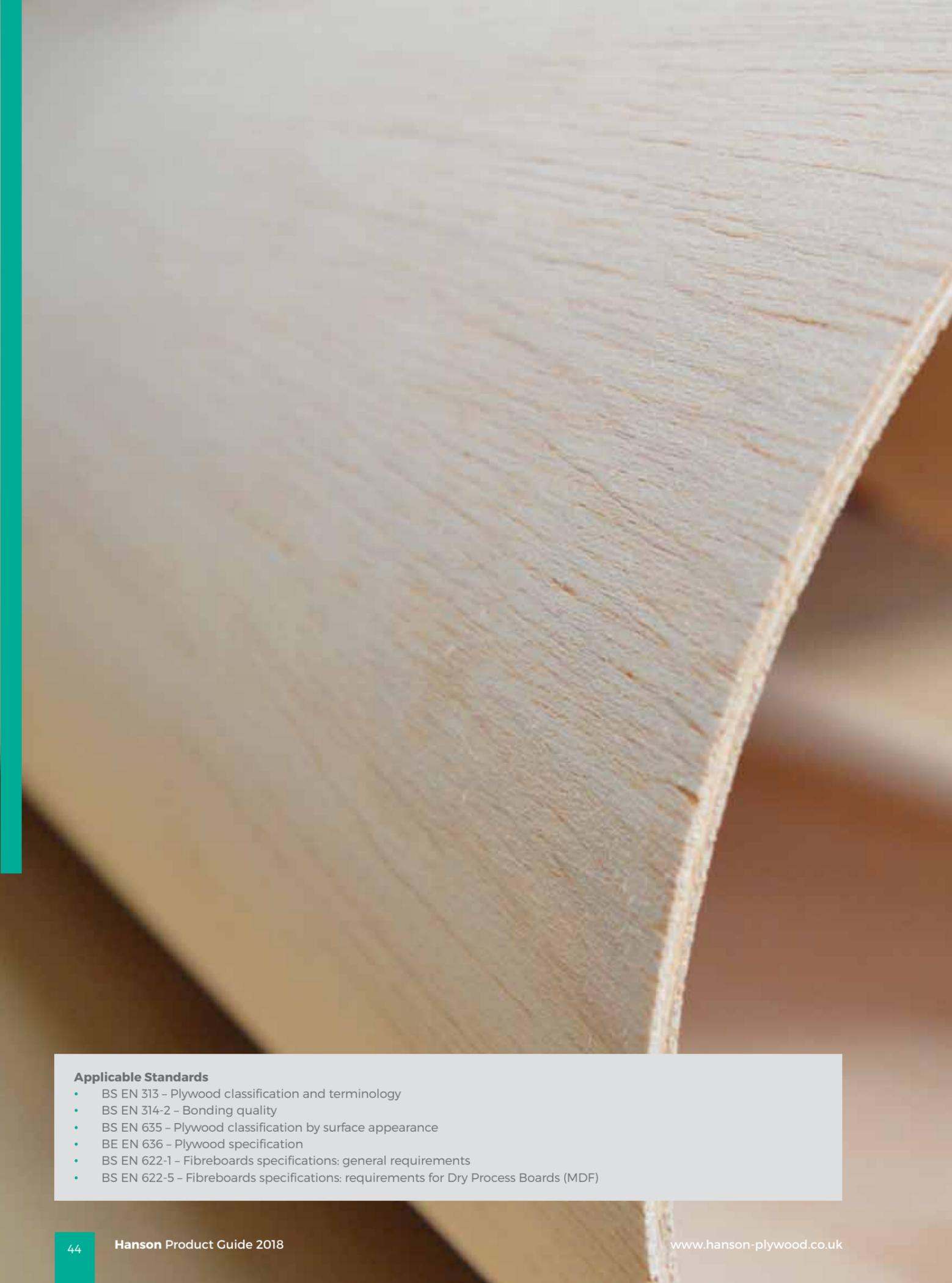


Engineered to perform

Kronobuild® OSB, Particleboard and MDF

Welcome to the new expanded range of construction panels from Kronobuild. Developed from innovative production technology and supported by more than 118 years of heritage, they are designed to radically improve building performance and all have environmental, quality and performance accreditation. From the energy efficiencies of OSB Airstop and OSB Reflex to the engineered protection of OSB Firestop and Weatherdek, the new Kronobuild range is the perfect place to start specifying a project. To order your free samples, email: samplerequests@kronospan.co.uk or visit: www.kronospan-express.com





Applicable Standards

- BS EN 313 – Plywood classification and terminology
- BS EN 314-2 – Bonding quality
- BS EN 635 – Plywood classification by surface appearance
- BE EN 636 – Plywood specification
- BS EN 622-1 – Fibreboards specifications: general requirements
- BS EN 622-5 – Fibreboards specifications: requirements for Dry Process Boards (MDF)

Our range of flexible panels allows the design and creation of curves, waves and cylindrical structures with absolute ease.

Plywood	46
MDF	46

Flexible Panels

Flexible Panels

Flexible Plywood

Used to create curved structures.

Size	3mm	5mm	8mm
2440 x 1220mm Long Grain	£18.95	£20.42	£25.99
1220 x 2440mm Cross Grain	£18.95	£20.42	£25.99

Uses

Furniture, model making, shopfitting, barfitting, general joinery, stage scenery construction

Flexible MDF

Available in both long and short grain to produce different shapes.

Size	6mm
2440 x 1220mm	£26.46

Uses

Furniture, model making

Tableros Folgado, SA. FLEXIBLE PLYWOOD

Characteristics

- Flexible and Mouldable board
- Glued exterior

Uses

- Decoration
- Planking
- Mouldings
- Curving



www.tabfolgado.es

PANGUANETA PLYWOOD

100%

SELECTED CERTIFIED LEGAL

Plywood made in Panguaneta

Renewable, ecological, sound, convenient, high performance and hi-tech. The best choice for a wide range of industrial applications.



PANGUANETA

Plywood For Life

www.panguaneta.com



Decorative Panels can be:
C/C - Crown Cut
Q/C - Quarter Cut
A/B - A Grade front, B Grade back
A/Bal - A Grade front, balancer reverse

Hanson Plywood Ltd supply a diverse range of real wood veneer panel products.

Unlike imitation wood such as melamine or laminate, wood veneers are extremely unique and thus are essential for high-end applications. Each species has its own particular character and no two will exhibit the exact same colour or texture.

Veneers are cut from the log in predominantly two ways to produce different characteristics in colour and grain.

MDF	50
Plywood	50
Blockboard	50
Flexi Veneer	51
Chipboard	51
Custom Veneering Solutions	52



Decorative Panels

Decorative Panels

Decorative Veneered MDF								
Veneer Species	Size	4mm	6mm	9mm	12mm	16mm	18mm	25mm
Ash	2440 x 1220mm	£29.98	£31.54	£33.73	£35.81	£37.08	£38.58	£47.76
Ash	2440 x 1830mm	-	-	-	-	-	-	£66.33
Ash	3050 x 1220mm	-	-	-	£44.76	-	£48.22	£59.72
Steamed Beech	2440 x 1220mm	£27.31	£29.34	£31.42	£33.85	£35.23	£36.39	£47.48
Steamed Beech	2440 x 1830mm	-	-	-	-	-	-	£66.17
Steamed Beech	3050 x 1220mm	-	-	-	£42.27	-	£45.51	£59.08
American Cherry	2440 x 1220mm	£39.22	£42.27	£44.30	£47.82	£49.49	£51.00	£59.83
American Cherry	3050 x 1220mm	-	-	-	£59.77	-	£63.76	£74.79
Galician Pine	2440 x 1220mm	£22.41	£23.22	£25.87	£28.64	£30.38	£33.21	£40.60
American Maple	2440 x 1220mm	£34.54	£35.98	£38.06	£41.24	£43.37	£45.63	£53.02
European Oak	2440 x 1220mm	£28.30	£29.80	£31.19	£33.73	£35.86	£37.14	£47.41
European Oak	2440 x 1830mm	-	-	-	-	-	-	£66.83
European Oak	3050 x 1220mm	-	-	-	£42.16	-	£46.43	£59.29
Sapele C/C	2440 x 1220mm	£24.95	£27.03	£28.47	£30.84	£32.52	£33.03	£45.51
Sapele C/C	3050 x 1220mm	-	-	£38.58	-	-	£41.29	£56.95
Sapele Q/C	2440 x 1220mm	£26.64	£28.59	£30.09	£32.46	£34.08	£34.65	£47.12
American Black Walnut	2440 x 1220mm	£42.86	£44.53	£46.73	£48.92	£51.17	£53.82	£59.49
American Black Walnut	2440 x 1830mm	-	-	-	-	-	-	£88.33
American Black Walnut	3050 x 1220mm	-	-	-	£61.11	-	£67.28	£74.27

Decorative Veneered Plywood					
Veneer Species	Size	3.6mm	6mm	9mm	12mm
Ash	2440 x 1220mm	£18.37	£22.23	£28.36	£32.40
American Maple	2440 x 1220mm	£24.95	£29.51	£36.62	£43.14
European Oak	2440 x 1220mm	£15.25	£19.17	£25.30	£30.90
Sapele	2440 x 1220mm	£16.35	£20.56	£27.20	£41.01

Decorative Veneered Birch Plywood			
Veneer Species	Size	18mm	
Ash	2500 x 1250mm	£85.50	
American Maple	2500 x 1250mm	£96.80	
European Oak	2500 x 1250mm	£82.50	
Sapele	2500 x 1250mm	£79.50	

Decorative Veneered Blockboard		
Veneer Species	Size	18mm
European Oak	2440 x 1220mm	£62.50
Ash	2440 x 1220mm	£57.00

Uses
Barfitting, shopfitting, hotels, furniture, cabinets, fire surrounds, boat fit-outs

Edging Tape
For the professional finish of decorative products we supply matching edging tape to order.

Flexi Veneer		
Please refer to the manufacturer's guidelines which are available on our website. Any species can be supplied as Flexi Veneer in sizes up to 3050 x 1240mm within short lead times. Prices on application.		
Veneer Species	Size	1mm
Ash	2440 x 1220mm	£46.40
Steamed Beech	2440 x 1220mm	POA
American Cherry	2440 x 1220mm	£52.90
American Cherry	3050 x 1220mm	-
Galician Pine	2440 x 1220mm	£43.50
American Maple	2440 x 1220mm	£52.80
European Oak	2440 x 1220mm	£46.40
Sapele Crown Cut	2440 x 1220mm	-
Sapele Quarter Cut	2440 x 1220mm	-
American Black Walnut	2440 x 1220mm	£66.70

Uses
Barfitting, shopfitting, cabinet work

Chipboard - Melamine Faced Panels			
Colour	Size	15mm	18mm
White - Textured	2440 x 1220mm	£18.85	£21.30
White - Smooth	2440 x 1220mm	£18.85	£21.30
Cream	2440 x 1220mm	£19.50	£22.00
Black	2440 x 1220mm	£21.50	£24.20

MDF - Melamine Faced Panels			
Colour	Size	15mm	18mm
White - Textured	2440 x 1220mm	£23.25	£28.00
White - Smooth	2440 x 1220mm	£23.25	£28.00
Cream	2440 x 1220mm	£25.80	£28.65
Black	2440 x 1220mm	POA	POA

Uses
Barfitting, shopfitting, hotels, furniture, cabinets, fire surrounds, boat fit-outs

Quality veneered panels to your specifications





Veneer and melamine finishes to suit

In addition to the decorative veneered panels we hold on stock, we also offer a diverse range of custom veneering solutions to meet any unique decorative demands.

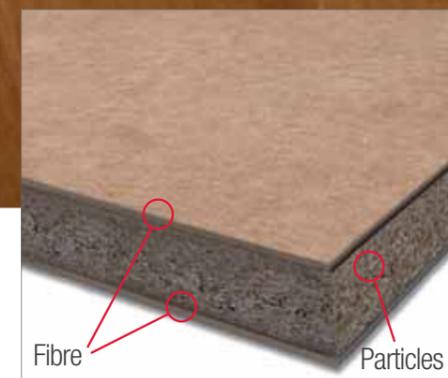
From our extensive network of suppliers and access to a wealth of raw material, we can offer many combinations of veneer, melamine and laminate on almost any available substrate.



For a competitive quote, please call us on **01422 330444** to discuss your requirements. Alternatively, email: sales@hanson-plywood.co.uk or fax: **01422 330706**



superPan[®] VENEER



Superpan is an innovative board with a unique composition that is different from the rest of the conventional boards on the market.

Thanks to its physical characteristics and its unique mechanical properties, Superpan represents an ideal solution for numerous applications in the furniture and interior design business.



The wide range of wood species offered by nature, along with Finsa's industrial experience in the sector, opens up a world of possibilities for making unique projects.

Our portfolio is comprised of the most beautiful veneers which can be combined with all our different types of boards.

Designer: MÓSTO, LES CARPINTERÍA

Applicable Standards

- BS EN 13501-1 - Fire classification of construction products
- BS EN 13823 - Single burning item test
- BS EN 11925 - Ignitability test
- BS EN 313 - Plywood classification and terminology
- BS EN 314-2 - Bonding quality
- BS EN 635 - Plywood classification by surface appearance
- BE EN 636 - Plywood specification
- BS EN 300 - OSB definition, classification and specification
- BS EN 622-1 - Fibreboards specifications: general requirements
- BS EN 622-5 - Fibreboards specifications: requirements for Dry Process Boards (MDF)
- BS EN 594 - Racking resistance

Fire retardant panel products are specified in a wide range of end use applications such as wall linings, partitions, display panels, ceilings etc. Typical installations are: hotel foyers, offices, public libraries, schools, court houses, hospitals, cinemas, shopfitting, barfitting and some shipbuilding applications.

Fire retardant panel products can delay ignition for a meaningful time and lower the heat release rate after ignition. Both of these strongly affect the potential for spreading fire beyond the location of original ignition.

Multi-Pro/Multi-Pro XS	56
Multi-Rend	56
MoistSure	56
Classifications and Standards	58
Plywood	60
MDF	60
OSB	60

Fire Retardant Panels - Building Boards

Fire Retardant Panels - Building Boards

BBA Accredited Magnesium Oxide Building Boards

Product and Applications	Density	BBA	Internal Use	External Use	Cutting Method	Racking to BS594	Fire Rating	Fire Resistance
 <ul style="list-style-type: none"> Bathrooms and shower areas Wet and humid areas Swimming pools 	1050kg/m ³	✓	✓	✓	Score and snap	✗	A1 Non-combustible	✗
 <ul style="list-style-type: none"> Passive fire protection board OSM, pods and park homes Timber frame racking board SIPS fire mitigation sheathing 	1050kg/m ³	✓	✓	✓	Score and snap	✓	A1 Non-combustible	Load and non-load bearing partition 60, 90 and 120 minutes
 <ul style="list-style-type: none"> Soffit strips and cavity closers Fire rated stud partition walls Large sheet tile backer Boiler banking board 	1050kg/m ³	✓	✓	✓	Score and snap	✗	A1 Non-combustible	Non-load bearing partition 60 minutes
 <ul style="list-style-type: none"> Render carrier board Suitable for use with acrylic brick strips, stone cladding etc. Solid fuel surround 	1050kg/m ³	✓	✓	✓	Score and snap	✗	A1 Non-combustible	✗

Resistant Board Properties

Fire Resistant	Breathable	Easy to Cut	Moisture Resistant	Impact Resistant	Mould Resistant	Easy Fixing	High Strength	Safer Board
✓	✓	✓	✓	✓	✓	✓	✓	✓



Downloads available at www.resistant.co.uk

multi-pro

CE Marked

A multi-purpose building panel with excellent thermal and moisture performance.

Size	6mm	12mm
2400 x 1200mm	£18.50	£32.20

Uses

Wall cladding and infill panels, internal partitions, ceilings and linings, fascias/eaves/dormer/soffit linings, wet rooms, modular buildings, suitable substrate for high pressure laminates and veneers, POD linings



Enhanced strength variant with an additional mesh layer for construction systems.

Size	6mm	12mm
2400 x 1200mm	£18.50	£32.20
1190 x 590mm	£4.80	-
1200 x 800mm	-	£9.80

Uses

Bathroom, shower areas, wet and humid areas, swimming pools

multi-proXS

CE Marked

Enhanced strength variant with an additional mesh layer for construction systems.

Size	6.5mm	9mm	12mm
2400 x 1200mm	£21.20	£26.85	£50.50
2700 x 1200mm	-	£30.65	-
3050 x 1200mm	-	£43.20	-

Uses

Closed cell timber frames, fire rated modular construction, prisons, park homes, anti-vandal units

multi-rend

Enhanced strength variant with an additional mesh layer for construction systems.

Size	9mm	12mm
2400 x 1200mm	£27.80	£37.60

Uses

Render carrier board, suitable for use with acrylic brick slips, solid fuel stove surrounds, stone cladding etc.

Fire Retardant Panels - Building Boards

Fire Retardant Panels - Classifications and Standards

A question we are frequently asked is which fire rated panel will provide 30 minute or 60 minute fire resistance. The answer of course is not straight forward, and although fire rated panels can be used as part of a fire barrier system, such as partitions, the finished design requires additional independent testing to achieve such a rating.

Since the introduction of the Construction Products Regulation (CPR), Fire retardant panels are tested against EN 13823:2002 (SBI or Single Burning Item Test) and EN 11925 (Ignitability Test), and given a rating against their performance.

SBI is the key test and records parameters relating to the rate of fire growth, lateral flame spread, heat release and smoke emission.

There are seven Euroclass Classifications for fire performance of different construction materials ranging from A1 and A2 through to F. Classifications for wood-based panel products such as plywood, MDF and chipboard include B, C, D and E. Euroclasses D and E relate to untreated material.

Class	Performance description	Fire scenario and heat attack		Examples of products
A1	No contribution to fire	Fully developed fire in a room	At least 60kW/m ²	Products of natural stone, concrete, bricks, ceramic, glass, steel and many metallic products
A2	No contribution to fire	Fully developed fire in a room	At least 60kW/m ²	Products similar to those of class A1, including small amounts of organic compounds
B	Very limited contribution to fire	Single burning item in a room	40kW/m ² on a limited area	Gypsum boards with different (thin) surface linings. Fire retardant wood-based panel products
C	Limited contribution to fire	Single burning item in a room	40kW/m ² on a limited area	Phenolic foam, gypsum boards with different surface linings Flame retardant wood-based panel products (thicker than in Class B)
D	Acceptable contribution to fire	Single burning item in a room	40kW/m ² on a limited area	Wood-based panel products with thickness > about 10mm and density > about 400 kg/m ³ (depending on end use)
E	Acceptable contribution to fire	Small flame attack	Flame height 20mm	Low density fibreboard, plastic based insulation products
F	No performance requirements	Small flame attack	Flame height 20mm	Products not tested (no requirements)

How this differs from the old standards...

Prior to the implementation of the Construction Products Regulation in July 2013, fire testing and classification was carried out in accordance with the British National Standard, BS 476. The two main classifications were Class 1 and Class 0.

Class 1: Was classified according to Part 7 of BS 476 which required testing on the surface spread of flames. For a Class 1 board, the spread of flame had to not be more than 165mm in 10 minutes.

Class 0: Was classified according to Part 7 and Part 6 of BS 476 and required compliance with the 'Fire Propagation Index' in addition to the surface spread of flames. The Fire Propagation Index measures the heat released when timber burns. Panels achieving a Class 0 specification needed to have a Fire Propagation Index of <12.

The new European Standards (EN 11925 and EN 13823 - see Page 58), in particular the Single Burning Item test, measure the rate of fire growth, lateral flame spread, total heat release, level of smoke production and number of flaming droplets of a timber product.

UK Building Regulations

In England and Wales, the fire requirements for buildings are dealt with by Approved Document Part B to the Building Regulations. Since the implementation of the Construction Products Regulation, Class 1 and Class 0, in relation to timber cladding and plywood used in permanent construction, are now phased out where a harmonised product standard exists.

Euroclass B transposes to Class 0 and Euroclass C transposes to Class 1 NB: It is not possible to obtain a National Class and sell to a European Class or vice versa. In other words, you must carry out testing against European standards to achieve a European classification.

Are the new Euroclasses as good as the old National Standards?

The simple answer to this is that they are different. Euroclasses are a new set of Reaction to Fire tests that are deemed as acceptable as the old British Standards by UK Building Regulations. Now, for the first time in UK Building Regulations, these new reaction to fire tests evaluate smoke emission for timber and plywood. Euroclasses are not time rated fire performance classifications so do not offer 30 or 60 minute fire resistance. As mentioned previously on Page 58, finished product requires additional independent testing to achieve such a rating.

RESISTANT BUILDING PRODUCTS LTD
Hanson
BBA ACCREDITED MGO BUILDING BOARDS
A1 NON-COMBUSTIBLE FIRE RESISTANCE

multi-proXS
multi-rend
multi-pro
MoistSure

PROPERTIES

- FIRE RESISTANT
- BREATHABLE
- EASY TO CUT, FIT & FIX
- MOISTURE RESISTANT
- IMPACT RESISTANT & DURABLE
- MOULD & DEGRADE RESISTANT

APPLICATIONS

- WALL, FLOOR & CEILING LININGS
- RENDER CARRIER BOARDS
- TILE BACKER FOR BATHROOMS & WET AREAS
- SOLID FUEL STOVE SURROUNDS
- SUITABLE FOR TIMBER OR LIGHT STEEL FRAME SYSTEMS
- SOFFIT & FASCIA BOARDS & MUCH MORE....

For technical data and further information, please visit www.resistant.co.uk or contact your local branch.

Fire Retardant Panels - Building Boards

Plywood - Fire Retardant

A range of thicknesses and sizes available ex stock. Our plywood boards for interior applications can be fire retardant treated with DRICON – a tried and tested impregnation treatment that provides a one-off assured surface spread of flame protection for the service life of the boards.

DRICON is a UK Wood Protection Association approved Humidity Resistant fire treatment and is the only BBA certified fire retardant treatment for timber and panel products. This unique accreditation has been in place for over 25 years.

DRICON is also classified as INT2 (Interior2), the highest fire protection classification for internal products. Treatments have been independently tested to meet either Euroclass B or C requirements of EN 13501-1.

Uses

Veneering, laminating, joinery, shopfitting, furniture, exhibitions, stage sets, laser cutting, model making, automotive applications

MDF

FSC® and PEFC™ Fire Retardant - CE Marked

Made for use in public buildings and exhibitions and is designed to restrict the spread of flames in the event of fire. This form of MDF is usually dyed pink throughout the core.

Size	6mm		9mm		12mm		15mm		18mm		25mm	
	B	C	B	C	B	C	B	C	B	C	B	C
2440 x 1220mm	£26.46	£17.48	£32.29	£21.74	£36.33	£24.00	£39.85	£25.52	£44.89	£30.19	£52.90	£38.70
3050 x 1220mm	£33.08	£21.84	£40.32	£27.14	£45.41	£30.25	£50.35	£31.87	£56.07	£37.75	£66.10	£48.50

Uses

Public buildings, exhibitions

OSB

FSC® SmartPly FR/ FR Build OSB/3 - CE Marked

Flame retardant and moisture resistant OSB panel.

Size	Type	11mm	15mm
2397 x 1197mm	FR OSB/3	POA	-
2397 x 1197mm	FR Build OSB/3	-	POA

Uses

Roofing, flooring, wall sheathing

Fire Retardant Birch Plywood

Euro Class B

Thickness	12mm	18mm
Grade	BB	BB
1220 x 2440mm	£53.85	£85.50

Fire Retardant Poplar Plywood

Euroclass B - EN 636-1 EN 314-2 Class 1 Bond E1 Glue

Thickness	6mm	9mm	12mm	15mm	18mm	25mm
Grade	B/BB	B/BB	B/BB	B/BB	B/BB	B/BB
2500 x 1220mm	£39.99	£47.30	£60.20	£71.75	£83.30	£115.70
3100 x 1530mm	£77.80	£91.87	£120.47	£139.51	£161.94	£224.88



Helping you meet Building Regulations

AVAILABLE THROUGH HANSON PLYWOOD LTD

Tried, tested and trusted built-in fire protection for plywoods

- The only BBA certified fire retardant treatment for timber and panel products
- Controlled industrially applied pressure treatment
- Humidity resistant fire retardant protection - suitable for permanent interior applications
- Surface spread of flame protection to Euroclass B or C to meet EN13501-1
- Fully approved for use by London Underground - LUL Standard 1-085
- UK Wood Protection Association Approved status treatment



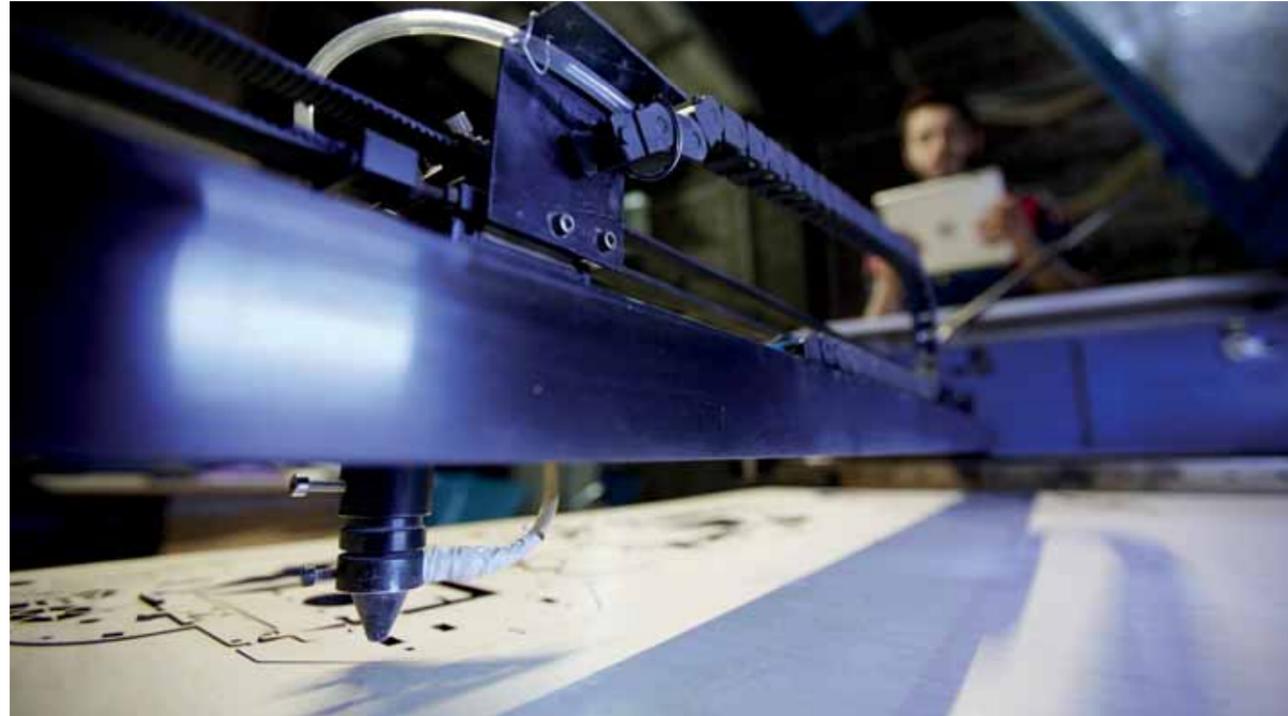
TO FIND OUT MORE VISIT

www.lonzafiretreatments.eu

Real World Thinking.
Real World Performance.

LONZA

DRICON is a registered trademark of Arch Timber Protection. Arch Timber Protection is a Lonza company.



A complete cutting, laminating and machining service

Through our wide network of suppliers, we offer a complete cutting, laminating and machining service in addition to all of our stock range to help meet specific manufacturing requirements.

Bespoke CNC machining facilities are available, allowing us to supply cut to size, machined or drilled panels.

A complete and varied range of laminates are also available to be bonded onto any of our standard panels stock. These panels can also be further cut, machined or drilled to customers' own individual requirements.

In addition to Fire Retardant product lines, we also offer the option to treat other stock lines.

The standard lead time for cut size panels is 3-5 days, with veneering and laminating lead times slightly longer at around 7-10 days from date of order. Fire retardant treatment times can vary between product lines; please contact us to assess lead times.

Please call us on **01422 330444** to discuss your requirements. Alternatively email drawings or specifications over to us to **sales@hanson-plywood.co.uk** or fax to **01422 330706** and we can give a more accurate quotation.

Hanson Plywood Ltd offer a bespoke service tailored to the client's individual requirements across a large number of industries

Useful Resources

Timber Trade Federation - www.ttf.co.uk

Wood Campus - www.woodcampus.co.uk

PEFC™ - www.pefc.org

FSC® - www.fsc.org

Trada - www.trada.co.uk

Conversion Tables

Imperial to metric

Imperial	Metric
1 inch	25.4mm
1 sq ft	0.0929m ²
1m ²	10.76 sq ft
1m ³	35.315 cu ft

Equivalent panel sizes

Imperial		Metric	
5' x 4'	20 sq ft	1525 x 1220mm	1.8605m ²
5' x 5'	25 sq ft	1525 x 1525mm	2.3256m ²
6' 6" x 2' 3"	14.63 sq ft	1981 x 686mm	1.3590m ²
6' 6" x 2' 6"	16.5 sq ft	1981 x 762mm	1.5095m ²
6' 6" x 2' 9"	18 sq ft	1981 x 838mm	1.6600m ²
7' x 3'	21 sq ft	2135 x 915mm	1.9535m ²
8' x 4'	31 sq ft	2400 x 1200mm	2.88m ²
8' x 4'	32 sq ft	2440 x 1220mm	2.9768m ²
8' x 5'	40 sq ft	2440 x 1525mm	3.7210m ²
8' x 6'	48 sq ft	2440 x 1830mm	4.4652m ²
8' 4" x 6' 8"	56 sq ft	2550 x 2050mm	5.2275m ²
8' 6" x 6' 9"	57.38 sq ft	2620 x 2070mm	5.423m ²
9' x 5'	45 sq ft	2745 x 1525mm	4.1861m ²
9' x 6'	54 sq ft	2745 x 1830mm	5.0234m ²
9' 2" x 6' 9"	62 sq ft	2800 x 2070mm	5.7960m ²
10' x 4'	40 sq ft	3050 x 1220mm	3.7210m ²
10' x 5'	50 sq ft	3050 x 1525mm	4.6513m ²
10' x 6'	60 sq ft	3050 x 1830mm	5.5815m ²
12' x 6'	72 sq ft	3660 x 1830mm	6.698m ²

Nearest thickness

Imperial	Metric
1/8 inch	3.2/3.6/4mm
1/4 inch	5.5/6/6.4mm
3/8 inch	9/9.5mm
1/2 inch	12/13mm
5/8 inch	15/16mm
3/4 inch	18/19mm
7/8 inch	21/22mm
1 inch	24/25mm
1 ¼ inch	30mm
1 ½ inch	38/40mm
1 ¾ inch	44/45mm
2 inch	50mm

Hanson Plywood Limited
Drakes Industrial Estate, Shay Lane
Ovenden, Halifax HX3 6RL
Tel: 01422 330444 Fax: 01422 330706
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