

PANEL SUPPLIES LIMITED

Worldwide Traders in Plywood and Wood Based Panel Products



Plywood

FSC Certified Panels

Melamine Faced Panels

Medium Density Fibreboard

Chipboard

Flame Retardant Panels



PanelSupplies

Hardboard

Flexible Panels

Oriented Strand Board

Doorblanks

Decorative Veneered Panels

Blockboard

Product Catalogue

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Welcome To Panel Supplies

Panel Supplies, part of the International Plywood Group, is one of the UK's leading independent distributors of timber based sheet materials. In an extremely competitive market we pride ourselves in always striving to achieve value for money for every customer.

Being part of the group's rapid growth is testimony to our success. From a turnover of £14m in 1998, the group looks set to exceed £150m in 2018/2019.

Quality and service are the foundations to Panel Supplies growing success. Our aim is to ensure that all customers are supplied with the right product for the job and with a wealth of experience we are confident that whatever the panel product requirement, we can find the solution. It is a testament to this that Panel Supplies has won the Timber Trades Journal 'Panels Trader of the Year' Award for the last four years.



About Panel Supplies

Established in 1994 in a small office in Hockley, Panel Supplies saw considerable growth in the first few years which took the company to our first small warehouse also in Hockley, to a 25,000sqft warehouse in Basildon. In 2007 we became part of the International Plywood group which enabled us to continue this growth, which then led us to our current site, in excess of 65,000sqft within Tilbury Docks. This latest move coupled with expertise in the handling and distribution of stock, means we are able to meet customer requirements from single sheets to full loads, to destinations throughout the UK and each customer receives the same excellent service and customer care.

As importers of products made from one of the oldest building materials known to man, we take our responsibility to the environment and the sustainability of the planet very seriously. As a member of the Timber Trade Federation and a signatory to their Responsible Purchasing Policy, our chain of supply gives customers peace of mind from whichever part of the world their products are sourced.

From quality manufacturers all over the world we import a wide range of products which are destined for use in a diverse range of industries, from construction to marine, automotive to interiors. Our large stockholding ensures a prompt ex stock delivery on a vast range of products.

Despite our rapid growth, we remain committed to the friendly, informal and personal service on which our success has been built.

Panel Supplies recognises that we have a responsibility to the environment and endeavour to carry out every aspect of our business in ways which are as environmentally friendly as possible.

Our commitment to environment policy is demonstrated by our FSC® chain of custody (CU-COC-805640) which is awarded to companies that can demonstrate that their products contain wood from well managed forests. This is an independent certification and our chain of custody allows us to sell FSC® Certified Plywood and Timber Products as a part of our stock range.

In 2006 we were awarded PEFC™ chain of custody (CU-PEFC-805640) which enabled us to widen our stock range of certified products.



The mark of
responsible forestry



Commitment to the environment is part of every aspect of our business. As an ISO 9001:2015 approved organisation, Panel Supplies regularly appraise our suppliers to ensure their products and services meet the exacting standards and new supplier's environmental policy is thoroughly checked before entering into a partnership.

We encourage all staff, suppliers and contractors to adopt sound environmental practices that will promote efficiency and minimise waste. All staff members are empowered to review their activities within the company to improve our performance in this important area.

Disposal of waste materials and packaging is carried out only by approved sub-contractors to ensure safe removal and disposal in an environmentally friendly manner.

Our long-term intention is to source all our forest products from well managed forests that have been certified to credible certification standards. This is a goal to which we are totally committed.

A stepwise approach to responsible purchasing that utilises the best available techniques and information is the way in which this commitment will be achieved.

At Panel Supplies we abide by all relevant national legislation and international conventions (such as CITIES) relating to our purchase of forest products. We never knowingly purchase products which have been manufactured from illegally sourced materials.

To ensure these goals, Panel Supplies actively encourages all our suppliers to engage in a process of time-bound, transparent stepwise commitment to credible certification.

We work with all suppliers to encourage the promotion of best practice in all aspects of business.

As a member of the Timber Trade Federation, we closely follow the Responsible Purchasing Policy of Forest Forever – the environmental voice of the Federation. Forests Forever aims to promote the environmental case for timber and timber products, promote sustainable improvements in the environmental performance of the industry, encourage responsible forest practices and provide education and information to members of the trade and general public.

Responsible purchasing is the key to the sustainability of the environment and the success of our business. Panel Supplies never knowingly source products from suppliers who do not comply with relevant national legislation relating to forest products trade, or who source products from forest areas that are protected or have high conservation value.



Timber Trade Federation
growing the use of wood

“Q-Mark” Plywood

Chinese Hardwood Throughout Plywood

Structural **FSC® Certified**

B/BB EN636-3S EN314-2 Class 3

“QPly” + “QDek”

9mm	2440 x 1220	(100)
12mm	2440 x 1220	(75)
15mm	2440 x 1220	(60)
18mm	2440 x 1220	(50)
25mm	2440 x 1220	(36)

[See Glossary on Page 18](#)

QPly Plywood

Chinese Hardwood Throughout Plywood

FSC® Certified

B/BB EN636-2 EN314-2 Class 2

3.6mm	2440 x 1220	(250)
5.5mm	2440 x 1220	(165)



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Far Eastern Plywood

In this context, “Far Eastern” is generally assumed to be tropical hardwood plywood manufactured in Indonesia or Malaysia. We offer a full range of sizes and grades from stock. We also supply to specific order, cut-to-size, pre-painted and flame retardant panels.

Hardwood Throughout Plywood

BB/CC EN636-3 EN314-2 Class 3

Can be FSC® or PEFC™ Certified

5.5mm	2400 x 1200 (Metric)	(110)
3.6mm	2440 x 1220	(250)
5.5mm	2440 x 1220	(165)
9mm	2440 x 1220	(100)
12mm	2440 x 1220	(75)
15mm	2440 x 1220	(60)
18mm	2440 x 1220	(50)
22mm	2440 x 1220	(40)
25mm	2440 x 1220	(36)

The term WBP which referred to plywood’s glue bond is obsolete. The correct terminology is plywood with an EN314-2 Class 3 glue bond.

FSC® Certified and PEFC™ Certified Products
always available in stock

Chinese Hardwood Plywood 3rd Party Tested

FSC® Certified

B/BB EN636-2 EN314-2 Class 2

Throughout Combi Faced	Powerply Premium/Stable Premium Eko Dragon Greenplex	
3.6mm	2440 x 1220	(250)
5.5mm	2440 x 1220	(165)
9mm	2440 x 1220	(100)
12mm	2440 x 1220	(75)
15mm	2440 x 1220	(60)
18mm	2440 x 1220	(50)
25mm	2440 x 1220	(36)

B/BB EN636-2 EN314-2 Class 2

Throughout Combi	Powerply Premium/Stable Xtraplex/Zply	
3.6mm	2440 x 1220	(250)
5.5mm	2440 x 1220	(165)
9mm	2440 x 1220	(100)
12mm	2440 x 1220	(75)
15mm	2440 x 1220	(60)
18mm	2440 x 1220	(50)
25mm	2440 x 1220	(36)



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FSC® Certified Chinese Hardwood Plywood

B/BB EN636-2 EN314-2 Class 2

Combi Faced	Zply Emerald/Grandply/Maxply	
3.6mm	2440 x 1220	(250)
5.5mm	2440 x 1220	(165)
9mm	2440 x 1220	(100)
12mm	2440 x 1220	(75)
15mm	2440 x 1220	(60)
18mm	2440 x 1220	(50)
25mm	2440 x 1220	(36)

FSC® Certified Large Press Chinese Hardwood Plywood

B/BB EN636-2 EN314-2 Class 2

3.6mm	3050 x 1525/1220	(170)
5.5mm	3050 x 1525/1220	(110)
9mm	3050 x 1525/1220	(70)
12mm	3050 x 1525/1220	(50)
15mm	3050 x 1525/1220	(40)
18mm	3050 x 1525/1220	(35)
25mm	3050 x 1525/1220	(25)

The term WBP which referred to plywood's glue bond is obsolete. The correct terminology is plywood with an EN314-2 Class 3 glue bond.

FSC® Certified and PEFC™ Certified Products
always available in stock

Chinese Hardwood Plywood

B/BB EN636-2 EN314-2 Class 2

Combi Faced	Stable Emerald/Grandply	
3.6mm	2440 x 1220	(250)
5.5mm	2440 x 1220	(165)
9mm	2440 x 1220	(100)
12mm	2440 x 1220	(75)
15mm	2440 x 1220	(60)
18mm	2440 x 1220	(50)
25mm	2440 x 1220	(36)

B/BB EN636-1 EN314-2 Class 1

Faced	Maxply	
3.6mm	2440 x 1220	(250)
5.5mm	2440 x 1220	(165)
9mm	2440 x 1220	(100)
12mm	2440 x 1220	(75)
15mm	2440 x 1220	(60)
18mm	2440 x 1220	(50)
25mm	2440 x 1220	(36)

Marine Plywood Malaysian/Indonesian

BS1088: 2003 EN636-3 EN314-2 Class 3
Can be FSC® Certified or PEFC™ Certified

6mm	2440 x 1220	(150)
9mm	2440 x 1220	(100)
12mm	2440 x 1220	(75)
18mm	2440 x 1220	(50)
25mm	2440 x 1220	(36)

Large Press Chinese Hardwood Plywood

B/BB EN636-2 EN314-2 Class 2

3.6mm	3050 x 1525/1220	(170)
5.5mm	3050 x 1525/1220	(110)
9mm	3050 x 1525/1220	(70)
12mm	3050 x 1525/1220	(50)
15mm	3050 x 1525/1220	(40)
18mm	3050 x 1525/1220	(35)
25mm	3050 x 1525/1220	(25)



The term WBP which referred to plywood's glue bond is obsolete. The correct terminology is plywood with an EN314-2 Class 3 glue bond.

FSC® Certified and PEFC™ Certified Products
always available in stock

Chilean Radiata Pine Plywood ARAUCOPLY.

CDTS/CPC/BCX - FSC® Certified
EN636-2S EN314-2 Class 3
BBA Structural Grade

9mm	2440 x 1220	(108)
12mm	2440 x 1220	(80)
15mm	2440 x 1220	(65)
18mm	2440 x 1220	(54)
18mm	2440 x 1220 TG2LE	(54)
18mm	2400 x 600	(108)
21mm	2440 x 1220	(46)
21mm	2440 x 1220 TG2LE	(46)
21mm	2400 x 600 TG4E	(92)

Chinese Pine Pinex Plywood

C+/C EN636-2S EN314-2 Class 2
Structural - FSC® Certified

9mm	2440 x 1220	(100)
12mm	2440 x 1220	(75)
18mm	2440 x 1220	(50)



FSC® Certified and PEFC™ Certified Products
always available in stock

Brazilian Elliottis Pine Plywood Sudati/Guararapes

C+/C/BCX - FSC® Certified
EN636-2 EN314-2 Class 2
Can be Structural and Non Structural

9mm	2440 x 1220	(100)
12mm	2440 x 1220	(75)
15mm	2440 x 1220	(60)
18mm	2440 x 1220	(50)
24mm	2440 x 1220	(36)



The term WBP which referred to plywood's glue bond is obsolete. The correct terminology is plywood with an EN314-2 Class 3 glue bond.

Thomasi Plastform 333 MDO Shuttering

Brazilian MDO Plywood – Edge Sealed
EN636-2 EN314-2 Class 2

FSC® Certified

Medium Density Overlay shuttering for concrete formwork

17.5mm	2440 x 1220	(49)
21mm	2440 x 1220	(42)

Tulsaform 323 MDO Plywood



Chilean MDO Plywood – Edge Sealed
EN636-2 EN314-2 Class 2

FSC® Certified

Medium Density Overlay plywood for concrete formwork

18mm	2440 x 1220	(50)
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Chinese Film Faced Plywood Europlex

EN636-2 EN314-2 Class 2

FSC® Certified

**Combi Core - Edge Sealed
Brown film 180g Face/120g Reverse**

18mm	2440 x 1220	(50)
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The term WBP which referred to plywood's glue bond is obsolete. The correct terminology is plywood with an EN314-2 Class 3 glue bond.

Rhinomesh Plywood

Chinese Mesh Faced Birch Plywood
EN636-2 EN314-2 Class 2

Brown Mesh Face 240g/120g Smooth Reverse

9mm	2440 x 1220	(100)
12mm	2440 x 1220	(75)
18mm	2440 x 1220	(50)

Vindeck Mesh Plywood

Chinese Mesh Faced Eucalyptus Core Plywood
EN636-2 EN314-2 Class 2

FSC® Certified

Brown Mesh Face 240g/120g Smooth Reverse

12mm	2440 x 1220	(75)
18mm	2440 x 1220	(50)

Chinese Mesh Plywood

Chinese Mesh Faced Combi Core Plywood
EN636-2 EN314-2 Class 2

FSC® Certified

Brown Mesh Face 240g/120g Smooth Reverse

18mm	2440 x 1220	(50)
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**FSC® Certified and PEFC™ Certified Products
always available in stock**

Russian/Latvian Birch Plywood

EN636-2 EN314-2 Class 2

4mm	2440 x 1220	(100)
6mm	2440 x 1220	(65)
9mm	2440 x 1220	(44)
12mm	2440 x 1220	(33)
15mm	2440 x 1220	(26)
18mm	2440 x 1220	(22)
24mm	2440 x 1220	(16)

Flexible Plywood

5mm	2440 x 1220	(190)
8mm	2440 x 1220	(110)
5mm	1220 x 2440	(190)
8mm	1220 x 2440	(110)

Flame Retardant Plywood

 Euroclass B
FSC® Certified

Internal Fire Treated Q-Mark Plywood.
WPA Type HR treatment

5.5mm	2440 x 1220	(165)
9mm	2440 x 1220	(100)
12mm	2440 x 1220	(75)
15mm	2440 x 1220	(60)
18mm	2440 x 1220	(50)
25mm	2440 x 1220	(36)

The term WBP which referred to plywood's glue bond is obsolete. The correct terminology is plywood with an EN314-2 Class 3 glue bond.

Blockboard

18mm	2440 x 1220	(50)
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Doorblanks**Pacifire/Sentry Protech**

Can be FSC® Certified

FD30

44mm	2135 x 915	(22)
44mm	2440 x 1220	(22)

FD60

54mm	2135 x 915	(18)
54mm	2440 x 1220	(18)

Lightweight Doorblanks**Pacifire Lite/Sentry Prolite**

Can be FSC® Certified

FD30

44mm	2135 x 915	(26)
44mm	2440 x 1220	(26)



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FSC® Certified and PEFC™ Certified Products always available in stock

Eucalyptus Hardboard

PEFC™ Certified

3mm	1220 x 610	(300)
3mm	2440 x 1220	(200)

White Painted Hardboard

PEFC™ Certified

3mm	2440 x 1220	(150)
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White Melamine Faced MDF

PEFC™ Certified

3mm	2440 x 1220	(240)
12mm	2440 x 1220	(60)
15mm	2440 x 1220	(50)
18mm	2440 x 1220	(40)

White Melamine Faced Chipboard

PEFC™ Certified

15mm	2440 x 1220	(50)
18mm	2440 x 1220	(40)

FSC® Certified and PEFC™ Certified Products
always available in stock

Medium Board - Pinboard Sundeala K

EN622-3 Type MBL

9mm	2440 x 1220	(100)
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Medium Board - Pinboard Grafton Pinboard

EN622-4

10mm	2440 x 1220	(110)
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Softboard Insulation Board

EN622-4

12mm	2440 x 1220	(90)
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T&G and Cut To Size Panels

We offer a comprehensive cutting and tongue and grooving service on most panels, subject to minimum quantities.

Fax enquiries to:
01375 488090

Email enquiries to:
sales@panelsupplies.co.uk



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Oriented Strand Board (OSB)

OSB is an engineered wood based panel where strands of wood are laid in cross-oriented layers and bonded with ECO resin. The result is a strong board that resists moisture, giving it high load capacity. Typical uses include timber frame buildings, roofing, sarking, site hoardings and flooring.

OSB 3

FSC® Certified

EN300 – Type 3, EN13501-1
BBA Certified for Structural Use

9mm	2440 x 1220	(72)
9mm	2397 x 1197	(72)
9mm	2697 x 1197	(72)
11mm	2440 x 1220	(60)
11mm	2397 x 1197	(60)
14mm	2440 x 1220	(48)
15mm	2397 x 1197	(44)
15mm	2500 x 1250	(44)
18mm	2440 x 1220	(36)
18mm	2397 x 1197	(36)
18mm	2440 x 1220 TG2LE	(36)
18mm	2440 x 590 TG4E	(36)
18mm	2500 x 1250	(36)
22mm	2500 x 1250	(30)



P5 T&G Flooring Grade Chipboard

FSC® Certified

18mm	2400 x 600	(100)
22mm	2400 x 600	(80)

P5 T&G Peel Clean Flooring Grade Chipboard

STEICO *durelisdek*

FSC® Certified

18mm	2400 x 600	(100)
22mm	2400 x 600	(80)

Accessories

Edge Sealing Tape	50mm x 25m	(30)
D3 PVA Joint Adhesive	1ltr	(6)
D4 PVU Edge & Board Adhesive	1ltr	(6)



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FSC® Certified and PEFC™ Certified Products always available in stock

Medium Density Fibreboard (MDF)

MDF offers smooth surfaces and a uniformly dense core which make it suitable for cutting, machining and moulding. It is also widely used in furniture manufacturing and can be veneered, laminated or painted to offer a range of finishes. Standard MDF is unsuitable in applications where the panels are to be exposed to moisture; MR grade is available for such purposes. We stock a full range of sizes in both grades to ensure the right product is available for all our customers at all times.

Standard Grade MDF

Suitable for general applications, including mouldings, joinery and furniture.

Can be FSC® Certified or PEFC™ Certified

3mm	2440 x 1220	(227)
4mm	2440 x 1220	(192)
6mm	2440 x 1220	(120)
9mm	2440 x 1220	(90)
22mm	2440 x 1220	(32)
30mm	2440 x 1220	(27)
38mm	2440 x 1220	(21)
50mm	2440 x 1220	(18)
6mm	3050 x 1220	(120)
9mm	3050 x 1220	(90)
22mm	3050 x 1220	(32)
30mm	3050 x 1220	(27)
38mm	3050 x 1220	(21)
50mm	3050 x 1220	(18)



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Lightweight MDF

Suitable for use in shopfitting, caravans, exhibition stands and other applications where weight saving is of importance.

Can be FSC® Certified or PEFC™ Certified

12mm	2440 x 1220	(75)
15mm	2440 x 1220	(60)
18mm	2440 x 1220	(50)
25mm	2440 x 1220	(32)
12mm	3050 x 1220	(60)
15mm	3050 x 1220	(50)
18mm	3050 x 1220	(40)
25mm	3050 x 1220	(28)

Moisture Resistant MDF

Suitable for use in humid conditions when used in accordance with manufacturers' recommendations.

Can be FSC® Certified or PEFC™ Certified

6mm	2440 x 1220	(120)
9mm	2440 x 1220	(90)
12mm	2440 x 1220	(60)
15mm	2440 x 1220	(50)
18mm	2440 x 1220	(40)
22mm	2440 x 1220	(32)
25mm	2440 x 1220	(28)
30mm	2440 x 1220	(24)
6mm	3050 x 1220	(120)
9mm	3050 x 1220	(90)
12mm	3050 x 1220	(60)
15mm	3050 x 1220	(50)
18mm	3050 x 1220	(40)
22mm	3050 x 1220	(32)
25mm	3050 x 1220	(28)
30mm	3050 x 1220	(24)

FSC® Certified and PEFC™ Certified Products always available in stock

Veneered MDF

Can be FSC® Certified and PEFC™ Certified

Crown Cut Oak



European Oak, ranging from almost white to light brown and can have some very heavy grain structure. Ideal veneer for all types of finish from clear to dark stains, to blacking or liming.

6mm-26mm

American Black Walnut



North American, predominantly crown, from darkish purple with black streaks. Typically large crowns due to the dimensions of the trees the logs are cut from. Walnut is best suited to clear finishes rather than stains

6mm & 19mm

Flame Retardant MDF Euroclass B

Can be FSC® Certified or PEFC™ Certified

12mm	2440 x 1220	(60)
18mm	2440 x 1220	(40)
12mm	3050 x 1220	(60)
18mm	3050 x 1220	(40)

**FSC® Certified and PEFC™ Certified Products
always available in stock**

V-Grooved & Beaded MDF

Moisture Resistant MDF

FSC® Certified

9mm	2440 x 1220	(80)
9mm	1220 x 2440	(80)



Moisture Resistant Primed MDF

FSC® Certified

9mm	2440 x 1220	(80)
9mm	1220 x 2440	(80)



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Fire Ratings Explained

The use of fire retardant products is a crucial part of safety in public buildings in the event of fire.

The two main classes of fire retardant timber sheet materials are Euroclass B (limited combustability and low surface spread of flame) and Euro-class C (low surface spread of flame).

Panel Supplies offer a number of fire retardant products ex stock. We can also offer treatments on most panel products to these classes.

The Euroclass B & C ratings have superseded the old BS476 Class 0 and 1 ratings respectively. Although Euroclass C products are a directly compatible replacement for Class 1, please note that Euroclass B is not a direct substitution for Class 0. Please check carefully with your specification to ensure you order the correct panel.

British Standards (other than ENs)

- **BS 1088** Marine plywood.
- **BS 1088-1:2003** Marine plywood. Requirements
- **BS 1088-2:2003** Marine plywood. Determination of bonding quality using the knife test.

European Standards

- **BS EN 300:2006** Oriented strand boards (OSB) Definition, classification and specification.
- **BS EN 309:2005** Particleboards. Definition and classification.
- **BS EN 310:1993** Wood based panels. Determination of modulus of elasticity in bending and of bending strength.
- **BS EN 311:2002** Wood based panels. Surface soundness. Test method.
- **BS EN 312:2010** Particleboards. Specifications
- **BS EN 313-2:2000** Plywood. Classification and terminology.

- **BS EN 314-1:2004** Plywood. Bonding quality. Test Methods.
- **BS EN 314-2:1993** Plywood. Bonding quality. Requirements.
- **BS EN 315:2000** Plywood. Tolerances for dimensions
- **BS EN 316:2009** Wood fibreboards. Definition, classification and symbols.
- **BS EN 317:1993** Particleboards and fibreboards. Determination of swelling in thickness after immersion in water.
- **BS EN 319:1993** Particleboards and fibreboards. Determination of tensile strength perpendicular to the plane of the board.
- **BS EN 320:2011** Particleboards and fibreboards. Determination of resistance to axial withdrawal or screws.
- **BS EN 321:2002** Wood based panels. Determination of moisture resistance under cyclic test conditions.
- **BS EN 322:1993** Wood based panels. Determination of moisture content.
- **BS EN 323:1993** Wood based panels. Determination of density.
- **BS EN 324-1:1993** Wood based panels. Determination of dimensions of boards. Determination of thickness, width and length.
- **BS EN 324-2:1993** Wood based panels. Determination of dimensions of boards. Determination of squareness and edge straightness.
- **BS EN 325:2012** Wood based panels. Determination of dimensions of test pieces.
- **BS EN 326-1:1994** Wood based panels. Sampling, cutting and inspection. Part 1 Sampling and cutting of test pieces and expression of test results.
- **BS EN 326-2:2010+A1:2014** Wood based panels. Sampling, cutting and inspection. Initial type testing and factory production control.
- **BS EN 326-3:2003** Wood based panels. Sampling, cutting and inspection. Inspection of an isolated lot of panels.

European Standards

- **BS EN 336:2013** Durability of wood and wood based products. Use classes: Definition, application to solid wood and wood based products.
- **BS EN 350-1:1994** Durability of wood and wood based products. Natural durability of solid wood. Guide to principals of testing and classification of natural durability of wood.
- **BS EN 350-2:1994** Durability of wood and wood based products. Natural durability and treatability of selected wood species of importance in Europe.
- **BS EN 594:2011** Timber structures. Test methods. Racking strength and stiffness of timber frame wall panels.
- **BS EN 596:1995** Timber structures. Test methods. Soft body impact test of timber frame walls.
- **BS EN 622-1:2003** Fibreboards. Specifications. General requirements.
- **BS EN 622-2:2004** Fibreboards. Specifications. Requirements for hardboards.
- **BS EN 622-3:2004** Fibreboards. Specifications. Requirements for medium boards.
- **BS EN 622-4:2009** Fibreboards. Specifications. Requirements for soft boards.
- **BS EN 622-5:2009** Fibreboards. Specifications. Requirements for dry process boards (MDF).
- **BS EN 633:1994** Cement-bonded particleboards. Definition and classification.
- **BS EN 634-1:1995** Cement-bonded particleboards. Specifications. General requirements.
- **BS EN 634-2:2007** Cement-bonded particleboards. Specifications. Requirements for OPC bonded particleboards for use in dry, humid and external conditions.
- **BS EN 635-1:1995** Plywood. Classification by surface appearance. General.
- **BS EN 635-2:1995** Plywood. Classification by surface appearance. Hardwood.
- **BS EN 635-3:1995** Plywood. Classification by surface appearance. Softwood.
- **BS EN 635-5:1999** Plywood. Classification by surface appearance. Methods for measuring and expressing characteristics and defects.
- **BS EN 636:2012** Plywood. Specifications.
- **BS EN 717-1:2004** Wood based panels. Determination of formaldehyde release. Formaldehyde emission by the chamber method.
- **BS EN 717-2:1995** Wood based panels. Determination of formaldehyde release. Formaldehyde release by gas analysis method.
- **BS EN 717-3:1996** Wood based panels. Determination of formaldehyde release. Formaldehyde release by the flask method.
- **BS EN 789:2004** Timber structures. Test methods. Determination of mechanical properties of wood based panels.
- **BS EN 1058:2009** Wood based panels. Determination of characteristic 5-percentile values and characteristics mean values.
- **BS EN 1072:1995** Plywood. Description of bending properties for structural plywood.
- **BS EN 1087:1995** Particle boards. Determination of moisture resistance. Boil test.
- **BS EN 12871:2013** Wood based panels. Determination of performance characteristics for load bearing panels for use in wood floors, roofs and walls.
- **BS EN 13810-1:2002** Wood based panels. Floating floors. Performance specifications and requirements.
- **BS EN 13823:2003:2010+A1:2014** Reaction to fire tests for building products. Building products excluding floorings exposed to the thermal attack by a single burning item.
- **BS EN 13986:2004** Wood based panels for use in construction. Characteristics, evaluation of conformity and marking.

EN 13986	EU Regulation for Construction Products (CPR).	Q-Mark-	The Q-Mark Structural Plywood Scheme is a third party product certification scheme operated by BM TRADA certification Ltd.
E1	Lower formaldehyde level.		
E2	Higher formaldehyde level.		
BBA	British Board of Agrément UK's major authority offering approval of construction panels, systems and installers – we refer to BBA load bearing.		The scheme is based on the principles of ISO 9001, EN 45011, ISO IEC 17025, ISO Guide 62/65 and confirms compliance with EN 13986, together with a specific set of performance criteria set by BM TRADA, as defined in TRADA documents, in order to attain a product which performs to a high standard. As the scheme meets all the requirements of the harmonised standard EN 13986 CE marking is also possible following a favourable assessment. The scheme covers factory production control, documentation and test/assessment evidence and the resultant certification is specific to clearly defined products and their constituent components.
FSC®	Forest Stewardship Council (scheme certifying sustainability and legality).		The objectives of the scheme are:
PEFC™	Programme for Endorsement of Forest Certification (scheme certifying sustainability and legality).		<ul style="list-style-type: none">• To improve the quality and performance of structural plywood.• To provide unambiguous evidence of compliance with the standard or methods listed above.• To provide specifiers, regulators and inspection authorities with the appropriate information for them to identify suitable products.
VLO	Verified Legal Origin (standard verifying legal source).		
Grades	Grade of face and back of sheet of plywood, eg. C+/C, B/C, B/B, B/BB, BB/CC etc.		
SE	Square edged		
T&G	Tongued and grooved		

Third Party Testing

In 2018 The Timber Trade Federation (TTF) National Panel Products Division agreed mandatory third party species testing and third party performance testing for all panels placed on the market outside the EU. This means all TTF members must conduct third party testing to assess technical class, along with all relevant paperwork concerning factory production control and clear identification on packaging.

Technical classes

EN 636-1: Suitable for use in interior/dry conditions

EN 636-2: Suitable for use in humid/protected exterior conditions

EN 636-3: Suitable for use in exterior/unprotected conditions.

Weblinks

Panel Supplies Ltd

www.panelsupplies.co.uk

International Plywood (Importers) Ltd

www.plywooduk.com

International Panel Products

www.internationalpanelproducts.com

Forest Stewardship Council (FSC®)

www.fsc.org

Programme for the Endorsement of Forest Certification (PEFC™)

www.pefc.org

Timber Trade Federation (TTF)

www.ttf.co.uk

Timber Research and Development Association (TRADA)

www.trada.co.uk

British Board of Agrément

www.bbacerts.co.uk

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