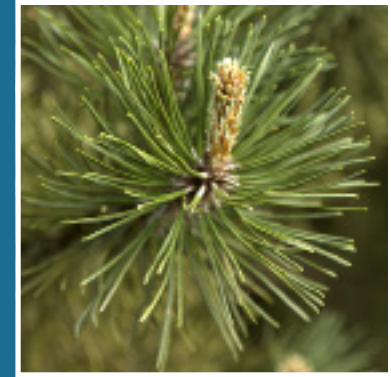
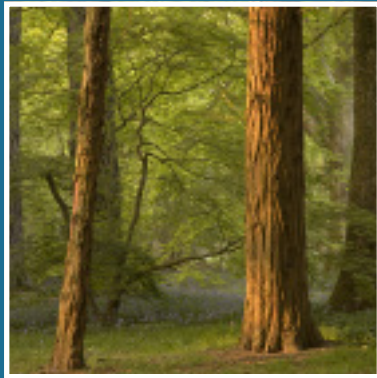


Panel Supplies Ltd



Company Presentation



www.panelsupplies.co.uk

Panel Supplies Ltd

Company acquired by International
Plywood Group in 2007

Extensive product knowledge

UK and European Sales force

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Panel Supplies Ltd

Large Group stockholding
(£30+ million at any time)

Multi-product distribution to UK and
Europe

Storage at Tilbury, Gloucester,
Portbury, Londonderry and Tyne

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Panel Supplies Ltd

Products Traded:
Wood-based Panel Products

Market Sector:
Bulk Importer/Distributor

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Panel Supplies Ltd

Products Sourced Worldwide

Primary Sources:

Brazil, Chile, China, Malaysia,
Indonesia, UK and Europe

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Panel Supplies Ltd

International Plywood Group Sales Growth

Annual Turnover:

Year ending April 1998 £15 million

Year ending April 2020 £152 million

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Panel Supplies Ltd

Our Distribution Network 1:

Panel Supplies Ltd

Based in Tilbury, UK

Sales to London and the South East
of England

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Panel Supplies Ltd

Our Distribution Network 2:

International Plywood (Importers) Ltd

Based in Gloucester, UK
Sales to UK-based customers

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Panel Supplies Ltd

Our Distribution Network 3:

International Panel Products

Based in Gloucester, UK
Sales to Europe and Ireland

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Panel Supplies Ltd

Strategic Partners 1:

Saga Welco Shipping
Based in Tønsberg, Norway
with offices worldwide

Saga Welco AS is a major operator of open-hatch bulk carriers. The present fleet consists of 51 vessels all of which are equipped with travelling gantry cranes.

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Panel Supplies Ltd

Strategic Partners 2:

Mediterranean Shipping Company

Specialise in worldwide
containerised shipments.

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Panel Supplies Ltd

Strategic Partners 3:

Port of Tilbury

Stevedoring, product handling and storage. International Plywood Group is POT's largest customer for Panel Products.

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Panel Supplies Ltd

Strategic Partners 4:

Bristol Port Company

Stevedoring, product handling and storage. International Plywood Group is BPC's largest customer for Panel Products.

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Panel Supplies Ltd

Strategic Partners 5:

Port of Tyne

Stevedoring, product handling and warehousing. International Plywood Group is Port of Tyne's largest customer for Panel Products.

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Panel Supplies Ltd

Panel Supplies is a Member
of the Timber Trade Federation

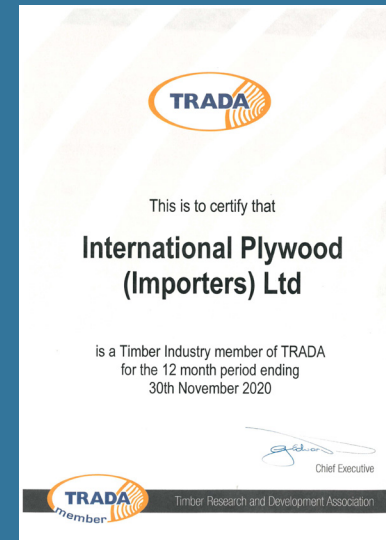


Member of the
Timber Trade Federation

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Panel Supplies Ltd

International Plywood Group is a
Member of The Timber Research
and Development Association
(TRADA)



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Panel Supplies Ltd

Technical resources of TRADA available to us as a TRADA member

TRADA

Wood Information Sheet WIS 2/3-57 Subject: Panels Revised: April 2013

Specifying wood-based panels for structural use

The Wood Information Sheet (WIS) covers the following wood-based panels relevant for structural use:

- laminated structural particleboard
- fibrelam
- oriented strand board (OSB)
- cross laminated timber (CLT) (also known as CLTbeam)
- plywood
- solid wood panels.

Details of these types, intended for use in construction, fall under the scope of the harmonised Standard EN 13986 Wood-based panels for use in construction. Characteristics, evaluation of conformity and marking (1) and wood preservatives carry a CE mark. (Part 1, July 2013).

TRADA Technology resources (Formwork 3 (2)) for structural design of formwork. However, the WIS includes a summary of guidance when using EN 13986 Structural use of timber. Data of panels for permissible characteristics, materials and workmanship (3), with the CE mark relevant.

This WIS is an overview of the subject with signposts to more detailed sources that are listed at the end.

Comments

- CE Marking
- Design
- Specification
- Monitoring stress for purposes
- Example specifications

© TRADA Technology 2013



Figure 1: Wood-based panels have various particleboard, fibrelam, OSB, laminated plywood (CLT)

Key points

- From 1st July 2013 manufacturers on their representations to the CE mark apply the CE mark across the entire EU, to comply with the new Construction Products Regulation.
- The harmonised Standard for wood-based panels for structural use is EN 13986.
- EN 13986 refers to a series of product standards for specifications and requirements for wood-based fibre, fibrelam, OSB and laminated plywood.
- A manufacturer wishes to claim higher values, they can apply the CE mark and declare their own values.
- Properties need not be repeated on every drawing and optimum, good quality material used, standard workmanship and product protection. Additional properties may be required depending on the use.
- An important consequence of the CE mark is that manufacturers of CE marked products for structural use must use specific characteristic values of parameters relevant for design calculations.

TRADA

Wood Information Sheet WIS 2/3-11 Subject: Panels Revised: June 2013

Specification and use of wood-based panels in exterior situations

Certain types of wood-based panels can be used in demanding exterior situations. However, they must be correctly specified, installed, maintained and replaced, in order to provide the desired performance and service life.

Exterior use covers a wide range of situations. They may be fully exposed to weather and/or fresh water or be more protected with a risk of occasional wetting, such as within water-pitches or busy roads.

This Wood Information Sheet (WIS) is an overview of the subject with signposts to more detailed sources that are listed at the end. It includes TRADA Technology's advice for specifying plywood in exterior situations – see factoid 'Tolerant plywood may still require treatment'.

TRADA's WIS 2/3-23, Introduction to wood-based panel products (1) summarises the range of wood-based panels available in the UK.

The Wood Panel Industry Federation's PlyGuide (2) is a comprehensive guide to the use of wood-based panels in the UK.

TRADA's WIS 2/3-17 Wood-based panels suitable for formwork design (3) deals with the use of wood-based panels for concrete formwork, a particularly common application.

Comments

- Exposed appearance
- Failure affecting performance
- Suitability of wood-based panels for use in service classes 2 and 3
- 'Tolerant' plywood may still require treatment
- Ply-ties
- Grading and workmanship
- Maintenance

© TRADA Technology 2013



Figure 1: Wood-based structural panels with large of the Shearline Shearline Shearline

Key points

- Appropriate specification is the main consideration when using wood-based panels in exterior situations.
- When specifying a wood-based panel for exterior use designers must consider two important concepts – service class and wet state.
- The service class is determined by the relative humidity in the situation and hence the moisture content of the product.
- The suitability of a wood-based panel for use in a particular service class depends largely on the glue bond quality.
- The use class determines whether a preservative treatment of other protective measures are needed to achieve the desired service life.
- Wood-based panel products will perform differently to large sections of solid timber of the same species, and differently to most other, especially in an exterior environment.
- Wood-based panels are susceptible to moisture ingress through joint lines and, in particular, via the panel edges.
- Detailing joints for detail only, like construction joints, a protective finish is generally necessary when using exterior grade wood-based panels in exterior situations to prevent its appearance.

Panel Supplies Ltd

Certification held by
Panel Supplies:
ISO 9001:2015



Registration Certificate

This document certifies that the quality administration systems of
Panel Supplies Ltd

have been assessed and approved by QSC Ltd to the following
quality management systems, standards and guidelines:-

ISO9001:2015

The approved quality administration systems apply to the following-
Suppliers of Wood Based Sheet Materials.
Excluding Sections 7.1.5 8.3



Original Approval: 13th December 2004

Current Certificate: 13th December 2019

Certificate Expiry: 12th December 2020

Certificate No: 20042575

R. M. Beale

On behalf of QSC Ltd

This certificate remains valid while the holder maintains their quality administration systems in accordance with the standards and guidelines stated above which will be audited by QSC Ltd. The holder is entitled to display the above quality mark for the duration of this certificate.

This certificate must be returned to Quality Systems Certifications Ltd. on reasonable request.

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Panel Supplies Ltd

Certification held by
Panel Supplies:

FSC chain-of-custody:
CU-COC-805640
FSC-C002339


CERTIFICATE

CERTIFICATION CODE: CU-COC-805640

Field of attention:
FSC Chain of Custody (COC)

Issued to:
Panel Supplies Ltd
Tilbury, UNITED KINGDOM
Project in: UNITED KINGDOM

Standard:
FSC-STD-40-004 V3-0 Chain of Custody Certification; FSC-STD-30-003 V2-0 Requirements for use of the FSC trademarks by Certificate Holders

Valid until: **22 April 2022**

The validity of this certificate shall be verified on <http://info.fsc.org/>

Control Union Certifications declares to have inspected the unit(s), and/or products of the above mentioned certificate holder, and have found them in accordance with the standards mentioned above.

This certificate covers the unit(s), and/or product(s) as mentioned in the authenticated annex of this certificate. A full list of product groups covered by the certificate can be found on the FSC database of registered certificates (<http://info.fsc.org/>).

This certificate itself does not constitute evidence that a particular product supplied by the certificate holder is FSC-certified (or FSC Controlled Wood). Products offered, shipped or sold by the certificate holder can only be considered covered by the scope of this certificate when the required FSC claim is clearly stated on invoices and shipping documents.

This certificate remains in force until further notice, provided that the participant continues to meet the conditions as laid down in the client contract with Control Union Certifications and verified in annual inspections by Control Union Certifications.

<small>Date of certification: 23 April 2021</small>	 <small>The mark of responsible forestry</small>	<small>Declared by:</small>
<small>Place and date of issue: LONDON, 28 February 2020</small>		
<small>CERTIFICATE No: CB05640CU-COC-01-2020 REGISTRATION No: CU 805640</small>		<small>Ms Frederica Cenci On behalf of the Managing Director Mia A. Pries</small>

Certifier
Control Union Certifications
Meuwikerlaan 4-5
8011 RZ ZWOLLE
The Netherlands
<http://www.controlunion.com> tel.:
+312038-430000

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Panel Supplies Ltd

Certification held by
Panel Supplies:

PEFC chain-of-custody:
CU-PEFC-805640



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Panel Supplies Ltd

International Plywood Group
has been a Signatory to the
TTF “Responsible Purchasing Policy”
since 2005.

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Panel Supplies Ltd

International Plywood Group is working with environmental experts Track Record (Global) Ltd to develop Responsible Procurement Systems and Policies that will enhance our existing practices and ensure that all our timber purchases fully comply with the EUTR.

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Panel Supplies Ltd

Panel Supplies were voted
“Panels Trader of the Year” in the
Timber Trades Journal Awards in
2013,2015,2016,2017,2018

International Plywood were voted
“Plywood Trader of the Year” in the
Timber Trades Journal Awards in
2012,2013,2015,2016,2017,2018

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Panel Supplies Ltd

Thank you for your interest.

Please contact us if you would like
further details about any of our
Companies or Products.

sales@panelsupplies.co.uk

www.panelsupplies.co.uk