



IBS Product Specification

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1. GENERAL

1.1 OSB EXPLAINED

OSB (oriented strand board) is a moisture resistant, structural wood panel. Engineered in Germany from environmentally sustainable sourced softwood, it consists of three layers of wood strands bonded together with heat-cured adhesives. Each layer is orientated at right angles to the adjacent layer creating a strong, dimensionally stable panel that resists delamination and warping. The absence of natural imperfections such as knots provides certainty of performance.

1.2 GENERAL

EGGER OS'Floor™ is distributed in NZ by IBS. See EGGER OS'Floor™ **pass™** (Product Assurance Supplier Statement) document for compliance with relevant performance clauses of NZ Building Code.

This section relates to the supply and installation of EGGER OS'Floor™.

1.3 DOCUMENTS

The following documents are specifically referenced in this section

- NZS3604: 2011 Timber Framed Buildings
- AS/NZS 1170 (parts 2 & 5)
- Nash Standard Part 1:
Residential & Low Rise Buildings

1.4 IBS DOCUMENTS

- **EGGER OS'Floor™** technical documentation

1.5 WARRANTY

IBS warranty for EGGER OS'Floor™ is available at www.ibs.co.nz.

1.6 NO SUBSTITUTION

EGGER OS'Floor™ may not be substituted by an alternative flooring substrate.

1.7 QUALIFICATIONS

Preparation and installation of EGGER OS'Floor™ shall be carried out by persons with the appropriate skills and who have access to current IBS technical documentation.

2.PRODUCT

2.1 EGGER OS'FLOOR™

EGGER OS'Floor™ is an OSB/4 panel manufactured by EGGER in accordance with EN 13986:2004. In accordance with this standard, OSB/4 is defined as suitable for use as a load-bearing panel in humid conditions.

IBS supplies the EGGER OS'Floor™ for use as an internal structural flooring substrate over a steel or timber structure.

Panel sizes are as follows:

- 2700 mm x 905 mm x 18 mm
- 2400 mm x 905 mm x 21 mm

3.DESIGN CONSIDERATIONS

3.1 GRANTING OF BUILDING CONSENT

IBS have available the following in support of building consent:

- **IBS Design & Installation Guide**
- **IBS Warranty**
- **IBS CAD drawings**
- **Current pass™**
(Product Assurance Supplier Statement, No 1707008)

3.2 DESIGN CONSIDERATIONS

When specifying EGGER OS'Floor™ the designer must consider the specific project including:

The building work:

- a. The structural design loads
- b. Structural timber framing requirements
- c. Structural lightweight steel framing
- d. Preparation of substrate
- e. Ventilation of sub-floor spaces
- f. Other materials likely to affect the products performance
- g. Intertency requirements eg. acoustic and fire design
- h. Construction timing
- i. The use and location or a room within the building and the impact this may have on the performance of EGGER OS'Floor™
- j. Applied protective coatings and membranes

4. EXECUTION

4.1. INSTALLING PRODUCTS AND MATERIALS

All construction and installation of the EGGER OS'Floor™ shall be in accordance with the IBS EGGER OS'Floor™ Design & Installation Guide. Installers are to be familiar with the required structural framing requirements and EGGER OS'Floor™ specified preparation, fixing and finish techniques.

4.2. TOLERANCES

All tolerances including site equilibrium moisture content (EMC), specified clearances, as detailed in the IBS EGGER OS'Floor™ Design & Installation Guide must be observed.

It is the responsibility of the installer to ensure that the structural framing is in accordance with the consented plans.

Note: Maximum exposure to weather not to exceed three months.

4.3. QUALITY ASSURANCE

Carry out and record regular checks of material quality and accuracy. Where any material, quality or dimensions fall outside the specified or required tolerances obtain written direction from the designer and IBS. Confirm remedial action with the Building Consent Authority. (As necessary).

If EGGER OS'Floor™ is exposed to the weather for any length of time it may be required to sand joints to ensure a smooth finish prior to covering. If the covering is a clear finish a full sand will be required to achieve the best results.

NOTES

SUPPORTING DOCUMENTS

For compliance information of EGGER OS'Floor™ refer to:

- [IBS pass™](#)
[\(Product Assurance Supplier Statement\)](#)

Information to help with the design and specification of EGGER OS'Floor™ refer to:

- [IBS Product Specification](#)
- [IBS Design & Installation Guide](#)
- [IBS CAD drawings](#)

Information to help with the installation of EGGER OS'Floor™ refer to:

- [IBS Design & Installation Guide](#)

For the DIYer refer to:

- [IBS Home Builder Info Sheet](#)

Information to help with the maintenance of EGGER OS'Floor™ refer to:

- [IBS Maintenance](#)

Our warranty for IBS supplied EGGER OS'Floor™ refer to:

- [IBS Warranty](#)



ABOUT IBS

Independent Building Supplies (IBS) has been distributing panel products around New Zealand since 1993. Our focus is on sourcing the best panel products available from around the world from sustainable renewable resources. IBS products are supported by full technical literature and support providing our customers with the **Best Products**, the **Best Service**, and the **Best Experience**.



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