

Certificate no: CMNZ70089

Version: 4

Original issue date: 27 August 2020

Version date: 26 July 2024

Product Certificate

IBS EUROFloor



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1. Certificate Holder Details



SWISS KRONO TEX GmbH & Co. KG

Wittstocker Chaussee 1 16909 Heiligengrabe,
Deutschland

Independent Building Supplies Ltd

New Zealand distributor
3 Zelanian Drive, East Tamaki, 2013,
Auckland, New Zealand

Email: swisskrono@ibs.co.nz

Phone: 0800 367 759

www.ibs.co.nz

2. Product Certification Body

Bureau Veritas Australia Pty Ltd

11/500 Collins Street
Melbourne VIC 3000 Australia
product.certification@bureauveritas.com
Ph: 1800 855 190
www.bureauveritas.com.au

Complaints: The complaints process for this certificate can be found here:
www.bureauveritas.com.au/your-feedback

3. Description of Building Method or Product

Name of the product or method in Aotearoa New Zealand, including any brand names used. Description of what it is and the components that make up any system and its physical attributes including the materials and make-up of the product, where applicable. Matters that should be taken into account in the use or application of the building method or product can be found in item 6. Conditions and Limitations of Use. Continuation of description can be found in item 10 – Supporting Information about Description. [Delete if not applicable]. The building method's or building product's catalogue or model identification number or numbers or other unique identifiers that might be used to identify the building product or building method

IBS EUROFloor is a multi-layered Oriented Strand Board produced in sheets 2400x1200x20mm and 3600x1200x20mm sheets, tongue and grooved with a plastic tongue along one edge of the board.

4. Intended use of Building Method or Product

Intended use of the building method or product as described in the product manual and other instructional materials. A statement of the function or purpose of the building method or product. Continuation of intended use can be found in item 11 – Supporting Information about Intended use. [Delete if not applicable]

IBS EUROFloor is an internal structural flooring for use over a timber or steel framed structure.

5. New Zealand Building Code Provisions

The performance clauses of the New Zealand Building Code that are relevant to the intended use and with which the building method or product complies or contributes to (where used as part of a system).

How the building method or product complies or contributes can be found in item 8. Basis for Certification. Any qualifications on the extent of that compliance can be found in item 6. Conditions and limitations of use.

B1 Structure: B1.3.1, B1.3.2, B1.3.3(a, b, f, h, j), B1.3.4

B2 Durability: B2.3.1(a), B2.3.2(a)

C3 Fire affecting areas beyond the fire source: C3.4 (b)

F2 Hazardous Building Materials: F2.3.1



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6. Conditions and Limitations of Use

The building method or product's use is to be in accordance with the installation instructions and requirements against which the building method or product was assessed.

Conditions or limitations of conformity for the performance requirements the building method or product is compliant with, including any requirements for people with the qualifications and skills to install or use the building method or product, any known or demonstrated situations where the building method or product should not be used. A statement as to whether there are any matters that should be taken into account in the use or application of the building product or building method and, if so, what those matters are.

1. IBS EUROFloor shall only be used as flooring and as a floor diaphragm in buildings designed in accordance with NZS3604:2011 or NASH Standard Part Two 2019.
2. IBS EUROFloor shall only be used when specifically designed using the maximum concentrated loads and uniformly distributed loads set out in the IBS EUROFloor Design and Installation Guide April 2024.
3. Framing to which this product is attached shall be designed and constructed to comply with B1/VM1 or B1/AS1.
4. IBS EUROFloor shall be installed in accordance with the IBS EUROFloor Design and Installation Guide April 2024.
5. The moisture content of IBS EUROFloor shall be no more than 20% before sealing or covering with a flooring product.
6. The subfloor shall be ventilated and protected from external moisture.
7. IBS EUROFloor shall be protected by a membrane or other impervious finish when installed in wet and splash areas in accordance with IBS EUROFloor Design and Installation Guide April 2024.
8. Evidence of compliance with NZBC clause C3.4(b) shall be provided when IBS EUROFloor is used in sleeping areas and exit ways in buildings not protected with an automatic fire sprinkler system where care or detention is provided or alternatively covered with a surface material meeting the requirements of C3.4 (b) for that particular use.
9. Exposure of IBS EUROFloor to weather shall be kept to a minimum and shall be not more than 90 days.

7. Health and Safety Information

Health, safety, and well-being declarations associated with installation, maintenance, and use of the building method or product, and their specific editions and dates necessary to ensure the performance requirements of clauses F1 to F9 of the Building Code can be met.

The compliance with any manufacturer's installation instructions, maintenance, OH & S statements, MSDS's and other Health and Safety declarations will provide the necessary Health and Safety Information pertaining to the product. Refer to section 12 for specific detail of compliance with the performance requirements of clauses F1 to F9 of the Building code.

8. Basis for Certification

How the performance requirements in the Building Code were met for each of the provisions. Where used as part of a system, the specific contribution to compliance.

- B1 Structure – by comparison with the provisions of Verification Method B1/VM1 and Acceptable Solution B1/AS1
- B2 Durability - by comparison with the provisions of Verification Method B2/VM1 and Acceptable Solution B2/VM1
- C3 Fire affecting areas beyond the fire source – by comparison with the provisions of Verification Method C/VM2
- F2 Hazardous Building Materials – by comparison with the NZBC clause F2.3.1



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9. Supporting Documentation for Certification

Reference to any acceptable solutions, verification methods, New Zealand Standards, or other compliance pathways referenced against each individual performance requirement the building method or product is compliant with, and their specific version and date. Reference to documents describing tests and evaluations and any other documents relied on for certification or used to prove compliance, including their full title, specific version and date.

1. Swiss Krono Declaration of Performance – SKDE_OSB-3_CPR_2022_057 (12.10.2022)
2. Swiss Krono Declaration of Performance – SKDE_OSB-4_CPR_2022_058 (12.10.2022)
3. Swiss Krono OSB/3 EN300 & Swiss Krono OSB/4 EN300 – Dimensioning Reference Tables (July 2021)
4. EN 13986:2004+A1:2015 Certification Report by HFB Engineering GMBH – Report No. 311001291/1/2023 (29th January 2024)
5. UTS, Structural letter, Oriented Strand Board (OSB) 18mm and 22mm Structural Flooring (29 May 2019)
6. Swiss Krono Material Safety Data Sheet (4 pages), validation date 1 June 2019
7. MPA Eberswalde Test Report No. 31/23/5231/01A Determination of formaldehyde release of wood material according to EN 16516:2017 (20th October 2023)
8. MPA Eberswalde Test Report No. 31/23/5231/2A Determination of formaldehyde release of wood material according to DIN EN 16516:2017 (20th October 2023)

10. Supporting Information About Description (Optional)

Any supporting information for section 3.

Further details regarding the description of the product can be found in <https://ibs.co.nz/wp-content/uploads/IBS-EUROFloor-Masterspec-Specification-2024.pdf>

11. Supporting Information About Intended Use (Optional)

Any supporting information for section 4.

Further details regarding the use of the product can be found in IBS EUROFloor Design and Installation Guide April 2024.

12. Supporting Information About Conditions and Limitations of Use (Optional)

Any supporting information for section 6.

N/A



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Signatures

If the signature does not fit on the first page in the column on the left please include the relevant signatures here: Name and Signature of the Product Certification Body's (PCB) authorised representative and, where different, the person assigned by the PCB to make the certification decision. Insert names and signatures in this area.

Sam Guindi – Bureau Veritas Product Certification Manager

All CodeMark certificates that are current must be registered with MBIE. MBIE maintains a register of valid product certificates. [Please find the register here.](#)

If the certificate is not listed on this register or it appears as (SUSPENDED), it is not a valid CodeMark certificate and does not have to be accepted by a building consent authority as establishing compliance with the New Zealand Building Code.



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