pass™ PRODUCT ASSURANCE SUPPLIER STATEMENT

pass™ no: 19139 | Expires: 03/2023

IBS SUSTAINABLE BUILDING PRODUCTS

IBS HIGH-DENSITY HARDBOARD

PURPOSE

IBS supplies four variations of IBS high-density hardboard for internal use as follows:

Standard:

- where a flat, paintable surface is required
- as a wall substrate for vinyl and flexible surface finishes
- in general DIY projects
- in applications such as partitioning, internal doors, and wall panelling and cupboards
- in furniture making.

Pegboard:

- in general DIY projects
- in workshops or garages to store tools.

Tempered:

- as a wall substrate to accept a waterproof membrane
- for door and partition surfaces.
- for building uses such as furniture making, automotive industry, pallet making.

Flooring underlay :

- as a flooring underlay where a flat, uniform floor finish is required and the existing flooring substrate is damaged or has surface imperfections or, where a water-resistant slip layer is required.

For further assistance please contact:

0800 367 759

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www.ibs.co.nz

WE COMPLY s14G BUILDING ACT 2004

EXPLANATION

IBS high-density hardboard is an impact resistant, high-density hardboard manufactured from FSC certified Eucalyptus. Wood fibres are mixed with water and subjected to heat and pressure to create a hardboard that meets the performance characteristics of AS 2458. It is available in standard, tempered, pegboard and flooring underlay variations.

The tempering process involves applying a thin film of linseed oil and then baking the panel to improve the moisture resistance, rigidity and tensile strength characteristics of the panel.

The general and tempered variations are available in the following sizes (H x W x D, mm):

Standard	Pegboard	Tempered	Flooring underlay
2400 x 1200 x 3.2 2400 x 1200 x 4.8 2440 x 1220 x 6.4	2440 x 1220 x 4.8	2440 x 1220 x 4.8	1220 x 915 x 5

SCOPE AND LIMITATIONS OF USE

Scope	Limitations
Building	
In conjunction with a substrate that complies with the NZ Building Code or for an existing building, where it is suitable for the intended building work.	The substrate must allow fixing in accordance with the current IBS High-Density Installation and Maintenance Guide.
For internal use in protected areas.	IBS high-density hardboard must not be subject to sustained wetting or high humidity conditions.
For all uses where a high quality, paintable face finish is required.	IBS high-density hardboard must not be used as a structural element, although the product is designed to be self-supporting.
As a flooring underlay.	Only the flooring variation of IBS high-density hardboard may be used.

OTHER CERTIFICATIONS AND APPROVALS HELD BY BETANZOS HB, S.L.

- BMC. [15/11/2020] *ISO 9001:2015 Quality Management Systems.* Certificate no. 0171.
- EXOVA BMTRADA [01/2020] *FSC STD-40-004 (v3.0) EN, FSC-STD-40-005 (v3.1) EN, FSC-STD-50-001 (v2.0) EN.* Certificate nos. TT-COC-004546, TT-CW-004546.
- BMC [17/11/2020] *ISO 14001:2015. Environmental Management Systems.* Certificate no. 0073.
- EXOVA BMTRADA [08/04/2018] *PEFC Certification.* Certificate no. PEFC/14-35-00014.

USEFUL INFORMATION

For information on the use and maintenance of IBS high-density hardboard and for our warranty refer to www.ibs.co.nz.

PERFORMANCE CLAIMS

If designed, installed and maintained in accordance with all IBS requirements, the IBS high-density hardboard will comply with or contribute to compliance with the following performance claims:

NZ Building Code clauses	BASIS OF COMPLIANCE	
	Compliance statement	Demonstrated by
B1 Structure	ALTERNATIVE SOLUTION	› Manufacturer's technical information confirms the general specifications and physical properties. Product meets EN 324-1/EN 324-2 (dimensions) EN 323/EN 316 (density), EN 322/EN 622-1 (moisture content), EN 319/ EN 622-2 (internal bond), EN 317/ EN 622-2 (swelling), EN 310/EN 622-2 (bending strength) [Betanzos HB, n.d.a; Betanzos HB, n.d.b]. › Hydro-tempered variation of the hardboard is CE certified in accordance with EN 13986:2004 [Betanzos HB, n.d.a]. › Declaration of performance for standard variation of the hardboard by Betanzos HB [Betanzos HB, 25/10/2018].
B2 Durability B2.3.1(c)	ALTERNATIVE SOLUTION	› Manufacturer's technical information confirms the general specifications and physical properties [Betanzos HB, n.d.a; Betanzos HB, n.d.b]. › Hydro-tempered variation of the hardboard is CE certified in accordance with EN 13986:2004 [Betanzos HB, n.d.a]. › Declaration of performance for standard variation of the hardboard by Betanzos HB [Betanzos HB, 25/10/2018.
C3 Fire Affecting Areas Beyond the Source C3.4 (a)	ALTERNATIVE SOLUTION	› Achieves material group number 3 › CE certified in accordance with EN 13986:2004, declaration of performance by Betanzos HB [Betanzos HB, 25/10/2018].
F2 Hazardous Building Materials F2.3.1	ALTERNATIVE SOLUTION	› CE certified in accordance with EN 13986:2004, declaration of performance by Betanzos HB [Betanzos HB, 25/10/2018].

SOURCES OF INFORMATION

› Betanzos HB. [25/10/2018] Declaration of Performance DOP no BHB.01.01. Retrieved from https://www.betanzoshb.es/wp-content/uploads/2019/01/DoP_BHB.pdf. [Accessed 27/03/2022].

› Betanzos HB. [n.d.a] *Technical Data Sheet (Tablex H1 Hydro-tempered).* Retrieved from https://www.tablex.eu/wp-content/uploads/2020/10/Technical-data-sheet-Tablex-H1.pdf. [Accessed 27/03/2022].

› Betanzos HB. [n.d.b] *General Specifications (Tablex Standard ST-A2).* Retrieved from https://www.tablex.eu/en/technical-characteristics/. [Accessed 27/03/2022].

› BMC. [15/11/2020] *ISO 9001:2015 Quality Management Systems.* Certificate no. 0171. Refer https://www.betanzoshb.es/wp-content/uploads/2020/11/Betanzos-HB-S.L.-QMS-2020-02.pdf. [Accessed 27/03/2022].

› BMC [17/11/2020] *SIO 14001:2015. Environmental Management Systems.* Certificate no. 0073. Refer https://www.betanzoshb.es/wp-content/uploads/2020/11/Betanzos-HB-S.L.-EMS-2020-02.pdf. [Accessed 27/03/2022].

› EXOVA BMTRADA [08/04/2018] *PEFC Certification.* Certificate no. PEFC/14-35-00014. Refer https://www.betanzoshb.es/wp-content/uploads/2018/06/Betanzos-HB-PEFC-ES.pdf. [Accessed 27/03/2022].

1. Where a standard is referenced it is to be read as amended by the acceptable solution or verification method as applicable.
2. Sources of information also include the Building Act 2004 and its regulations, including the Building Code (Schedule 1 of the Building Regulations 1992), Acceptable Solutions and Verification Methods, and relevant cited standards.
3. The quality and assurance that the supplied products meet the performance claims stated in this pass™ are the responsibility of the company that is the holder of this pass™.
4. Where E2/AS1 is referenced it is to be read as including E2/AS4.

Scan or click this QR code for a full download of Compliance Documentation for this pass™.

www.ibs.co.nz/products/hardboard/

IBS confirms that if IBS High Density Hardboard is used in accordance with the requirements of this pass™ the product will comply with the NZ Building Code and other performance claims set out in this pass™ and the company has met all of its obligations under s14 G of the Building Act.

Date of first issue:	25/03/2021
Date of current issue:	30/03/2022
NZBN:	9429000097253

Kevin Brunton

Kevin Brunton, Technical Director, TBB confirms that this pass has been prepared on behalf of IBS and in accordance with MBIE PTS guidelines and in accordance with the TBB pass™ process which is within the scope of TBB's ISO 9001 certification.

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