

# IBS HARDCORE FORMPLY

## PURPOSE

IBS supplies Hardcore Formply for use as part of a structural formwork system for use with in-situ concrete.

## EXPLANATION

IBS Hardcore Formply:

- > is an 11-ply hardwood plywood
- > is supplied as 2400 x 1220 x 17 mm sheet third-party certified to AS 6669:2016
- > is available in two stress grades: F14 and F17
- > has a class 2 finish
- > is Super E0
- > has climate-resistant A grade Water Boil Proof (WBP) Phenolic glue lines
- > has anti-abrasive, wrinkle-resistant 130 - 160 gm/m<sup>2</sup> Stora-Enso protective paper overlay
- > is painted with a water-resistant paint on all edges.



For further assistance please contact:

- ☎ 0800 367 759
- ✉ info@ibs.co.nz
- 🌐 [www.ibs.co.nz](http://www.ibs.co.nz)



## SCOPE AND LIMITATIONS OF USE

Scope	Limitations
<p><b>Building</b></p> <p>Where the maximum construction requirements for the concrete structure is designed in accordance with NZS 3101:2006.</p> <p>Where the formply is specified in accordance with AS 3610.1 <i>Formwork for concrete</i>.</p>	<ul style="list-style-type: none"> <li>&gt; A sheet can be reused 5 to 8 times each side, provided it is used, stored and maintained as instructed.</li> <li>&gt; Release agents must not come into contact with reinforcement, embedded items, or hardened concrete against which fresh concrete is to be placed.</li> <li>&gt; Diesel, petrol, or other oil-based products are not recommended as release agents.</li> <li>&gt; Any cut edges must be sealed with paint or sealant.</li> </ul>

## USEFUL INFORMATION

For information on the design, installation and maintenance of Hardcore Formply and for our warranty refer to [ibs.co.nz](http://ibs.co.nz)

## OTHER CERTIFICATIONS AND APPROVALS HELD SHANDONG ROGGE WOOD INDUSTRY CO. LTD

- > SAI Global FSC Standard for Chain of Custody Certification, certificate no: FCOC40436, exp. 3 May 2021.



## PERFORMANCE CLAIMS

If designed, installed, and maintained in accordance with all the IBS requirements, IBS Hardcore Formply will meet the following performance claims:

NZ Building Code clauses	BASIS OF COMPLIANCE	
	Compliance statement	Demonstrated by
<b>B1 Structure</b> B1.3.1 B1.3.2 B1.3.3 (a, b, c, j & p)	ALTERNATIVE SOLUTION	› Third party certified by bsi Benchmark Product Certification BMP 650464 [23 Jul 2018].
<b>B2 Durability</b> B2.3.1(c)	ALTERNATIVE SOLUTION	› Third party certified by bsi Benchmark Product Certification BMP 650464 [23 Jul 2018].
<b>F2 Hazardous Building Materials</b> F2.3.1	ALTERNATIVE SOLUTION	› No release of formaldehyde.

## SOURCES OF INFORMATION

The following information was relied upon to prepare this pass.

- › bsi [2018]. AS 6669:2016. *Plywood - formwork*. Benchmark Product Certificate 650464.



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.

IBS confirms that if IBS Builders Grade formply 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:** 11/03/2019

**Date of current issue:** 30/03/2022

**NZBN:** 9429000097253

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

[www.ibs.co.nz/products/](http://www.ibs.co.nz/products/)



*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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