

## 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



### 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 <sup>1</sup>         | Demonstrated by   |
| <b>B1 Structure</b><br>B1.3.1<br>B1.3.2<br>B1.3.3 (a, b, c, j & p) | ALTERNATIVE SOLUTION<br>AS 6669:2016.     | <ul style="list-style-type: none"> <li>› Third party certified by bsi Benchmark Product Certification BMP 650464 [23 Jul 2018].</li> <li>› bsi is JASANZ accredited.</li> </ul> |
| <b>B2 Durability</b><br>B2.3.1(c)                                  | ALTERNATIVE SOLUTION<br>AS 6669:2016.     | <ul style="list-style-type: none"> <li>› Third party certified by bsi Benchmark Product Certification BMP 650464 [23 Jul 2018].</li> <li>› bsi is JASANZ accredited.</li> </ul> |
| <b>F2 Hazardous Building Materials</b><br>F2.3.1                   | ALTERNATIVE SOLUTION<br>ISO 12460-5:2015. | <ul style="list-style-type: none"> <li>› No release of formaldehyde.</li> </ul>   |

1. The Compliance Statement is the pass holder's statement that they have met their obligations under s14G(2) of the Building Act 2004.

## SOURCES OF INFORMATION

The following information was relied upon to prepare this pass.

- › bsi [2018]. AS 6669:2016. *Plywood - formwork*. Benchmark Product Certificate 650464.
- › AS/NZS 2754.1:2016. *Adhesives for timber and timber products*.
- › NZS 3101:2006. *Concrete structures standard*.



VERSION:

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DATE:

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Signed on behalf of IBS Building Products:

*Note: Uncontrolled in printed format.*

NAME:

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Jason Bardell

POSITION:

.....

Managing Director

By signing this pass™ the signatory confirms that, in respect of the subject of this pass™, the company has met their s14G obligations under the Building Act 2004.



**IBS Building Products, 1/7 Fraser Road, Panmure, Auckland** › [info@ibs.co.nz](mailto:info@ibs.co.nz) › **0800 367 759** › [www.ibs.co.nz](http://www.ibs.co.nz)

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