



CERTIFICATE OF CONFORMITY

This is to certify that



global-mark

FIRESHIELD Timber Intumescent Coating System 1FR

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Product description

FIRESHIELD Timber Intumescent Coating Systems 1FR is a water based, clear intumescent coating with a minimum coating mass of 300g/m². FIRESHIELD 1FR must always be protected with a durable clear sealer, 1FR TOPCOAR with a minimum coating mass of 60g/m². This is offered in matt (7% gloss) for an uncoated/rustic look or low-sheen (20% gloss) for more depth and durability. Together FIRESHIELD 1FR and 1FR TOPCOAT will give a clear, smooth, dry surface

Product purpose or use

On any timber with a minimum density of 380 kg/m³ and a minimum thickness of 9 mm used on internal wall and ceiling lining applications.

Certificate holder

Fire Protection Coatings Ltd, 2/201 Opawa Rd, Opawa, Christchurch 8022, New Zealand
Phone: 0800 347 374, Email: info@fireshield.co.nz, Web: www.fireshield.co.nz

Complies with the National Construction Code 2016:

- Volume One CP4 in respect of Wall and Ceiling Linings. FIRESHIELD Timber Intumescent Coating System 1FR will achieve Group 1 rating and an average specific extinction area of less than 250 m²/kg.

State Additions or Variations

- Nil

Subject to the following conditions and limitations:

- Certificate holder will notify Global-Mark Pty Ltd in accordance with section 6.1 e, f and g of the Codemark Scheme Rules- Australia and New Zealand, Version 2009.1 (27 March 2009)
- The FIRESHIELD Timber Intumescent Coating System 1FR is to be listed as an essential fire safety measure.
- Annual inspection must be undertaken:
 - by a Fireshield approved applicator or a suitably qualified person with a full understanding of the Fireshield coating systems and Australian surface finish requirements and,
 - in accordance with the Fireshield Application Instructions AU 01-2017.
- Maintenance and repairs must be done
 - by a Fireshield approved applicator or a suitably qualified and experienced practitioner and,
 - in accordance with the Fireshield Application Instructions AU 01-2017.
- FIRESHIELD Timber Intumescent Coating System 1FR liquid components must be stored in a minimum of 5°C environment, product may be ruined if frozen and must be disposed of.
- Post treatment alterations, fixings, attachments, or penetrations to meet the relevant BCA Deem to Satisfy provisions including that fixings penetrating the treated timber are to be non-combustible and any exposed timber is to be treated accordingly.

Design Conditions

- Product specification and incorporation of FIRESHIELD Timber Intumescent Coating System 1FR into the building design shall be carried out
 - by a designer / architect / engineer or a building professional who:
 - Is qualified to design the buildings covered under the 'Scope' of use of this product.
 - Has ready access to the Fireshield Application Instructions AU 01-2017 including installation details and standards referenced in the Fireshield Application Instructions AU 01-2017.
 - in compliance with the requirement of the Fireshield Application Instructions AU 01-2017 including but not limited the substrate to be timber with a minimum density of 380 kg/m³, with a minimum thickness of 9 mm and limited to internal wall and ceiling lining applications.



ABCB

JAS-ANZ



WWW.JAS-ANZ.ORG/REGISTER

CodeMark Certification Body

Global-Mark Pty Ltd, Suite 4.07, 32 Delhi Road, North Ryde NSW 2113, Australia – Tel: +61 (0)2 9886 0222 - www.Global-Mark.com.au

Herve Michoux
Managing Director

Unrestricted Building Certifier, Peter Gardner

13/3/2017

Date of issue

13/3/2020

Date of expiry

GM-CM30071-RevA

Certificate Number

The purpose of construction site audits is to confirm the practicability of installing the product; and to confirm the appropriateness and accuracy of installation instructions. This Certificate of Conformity is issued by an accredited certification body under arrangement with JAS-ANZ. The ABCB does not in any way warrant, guarantee or represent that the Product the subject of this Certificate of Conformity conforms with the BCA, nor accepts any liability arising out of the use of the Product. The ABCB disclaims to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages and costs arising as a result of the use of the product(s) referred to in this Certificate. It is advised to check that this Certificate of Conformity is currently valid and not withdrawn, suspended or superseded by a later issue by referring to the ABCB website, www.abcb.gov.au

In placing the CodeMark mark on the product/system, the certificate holder makes a declaration of compliance with the certification standard(s) and confirms that the product is identical to the product certified herein. In issuing this Certificate of Approval Global-Mark has relied on the expertise of external bodies (laboratories, and technical experts).



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Product Installation conditions:

- Product application must be undertaken or supervised by a professional painter that has been trained and approved by Fireshield
- Application must be done in accordance with the Fireshield Application Instructions AU 01-2017 including but not limited to the requirements for substrate preparation, minimal coating mass verification and records keeping.
- Application must be done on uncoated timber or timber stripped from previous coatings.
- At least one small Fireshield Warning labels must be permanently fixed to or in close proximity of the treated timber and a large Fireshield Product Description label in the switchboard cupboard serving the coated area. The large Fireshield Product Description label must provide at least the following:
 - A warning statement that some timber has been treated,
 - The coating system used; and
 - The identification of the location and surfaces treated; and
 - The date of completion of the installation of the system; and
 - The name and contact details of the installer.
- In case of off site application, thorough inspection and repair of any damages prior to installation in accordance with the Fireshield Application Instructions AU 01-2017 must be undertaken
- Fire Protection Coatings Ltd only issue warranty to applications that have been demonstrated to comply with Fireshield Application Instructions AU 01-2017.

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