



Product Technical Statement

Bostik Fireban One

Bostik NZ Ltd manufactures adhesives, sealants and other products used in building and construction that are not by themselves within the scope of the New Zealand Building Code (NZBC). The products may be part of, or used with another product, or system that must comply with the NZBC.

Bostik provides technical information to support Provider Statements regarding compliance with NZBC.

Product Description and Use

Bostik Fireban One is a fire rated intumescent, low modulus, Class A polyurethane sealant for exterior and interior use. It is also acoustic rated for use with fit outs that require acoustic ratings. It is recommended for fire and acoustic rated sealing of joints in:

- Insitu concrete floors and walls
- Precast and tilt up panels
- Brickwork & blockwork
- Rendered masonry
- Plasterboard (Fire rated and/or acoustic rated)
- Fibre cement sheet (Fire rated and/or acoustic rated)

The technical information for Bostik Fireban One can be found on the Bostik website www.bostik.co.nz.

This information includes:

- Technical Data Sheet
- Fireban One Manual
- Acoustic opinion
- VOC Certificate
- MasterSpec
- Safety Data Sheet

New Zealand Building Code (NZBC)

Bostik Fireban One, if designed, used, installed and maintained in accordance to the information provided by Bostik New Zealand, will contribute to or meet the following provisions of the NZBC:

- **Clause B2 DURABILITY:** Performance B2.3.1 (b), 15 years and B2.3.1 (c), 5 years.
- **Clause C3 FIRE AFFECTING AREAS BEYOND THE FIRE SOURCE:** Performance C3.4(a) and C3.7
- **Clause E2 EXTERNAL MOISTURE:** Performance E2.3.2.
- **Clause E3 INTERNAL MOISTURE:** Performance E3.3.3, E3.3.4, E3.3.5 and E3.3.6.
- **Clause F2 HAZARDOUS BUILDING MATERIALS:** Performance F2.3.1.
- **Clause G6 AIRBORNE AND IMPACT SOUND:** Performance G6.3.1

Bostik Fireban One is an Acceptable Solution in terms of New Zealand Building Code compliance as follows:

- Sealant complying with Type F, Class 25LM of ISO 11600 in accordance with NZBC Acceptable Solution E2/AS1.

Quality Assurance

Bostik has a long history of supply of quality products to the building and construction industries. Products are manufactured and tested under strict quality controlled conditions.

Bostik Fireban One has been supplied and used in building in New Zealand for over 25 years.

Maintenance Requirements

Do not clean or treat Bostik Fireban One with materials, cleaning agents or solvent that may affect or discolour the product. This includes, but is not limited to, bleach containing cleaners, solvents and paint fumes.

Exterior: Rain washing plus manual washing every year. Severe environments may require more frequent washing.

Interior and exterior: yearly inspection and repair of defects as found is required.

Expected product life

It is expected that Bostik Fireban One will have a life of at least 15 years when applied by a skilled contractor in accordance with specifications and recommended methods of application.

The life expectancy does not take into account failure or breakdown of Bostik Fireban One partially or wholly due to:

- faulty or unskilled application
- incorrect storage of the product
- use of the product outside of its recommended shelf life
- use other than as recommended
- not inspecting the product regularly and repairing any defects
- factors and conditions outside the control of Bostik, including:
 - movement of the substrate or structural cracking
 - hydrostatic pressure or entrapped moisture
 - maltreatment, such as mechanical damage, at any time of the product
 - faulty design and/or construction of the premises leading to weather – tightness issues.

Differing materials, substrates, environments, site conditions, product storage, handling and application may affect results.

Warranty

Bostik is not liable for representations made by users, suppliers, or retailers about the product. Bostik is not liable for any loss or damage resulting from incorrect, careless or negligent use or storage of the product, including out of date product. To the maximum extent permitted by law Bostik disclaims all warranties in relation to manufacture and use of the product. Bostik does not exclude rights and remedies that cannot be excluded by legislation, for example under the Consumer Guarantees Act 1993. Any liability arising from use of the product is limited to the replacement or purchase price of the product.

Contact

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