

## Product Technical Statement

### MAS310

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 Firecaulk is a fire rated acrylic sealant for interior use on low movement joints and sealing of service penetrations. It is also acoustic rated for use with fit outs that require acoustic ratings. Fire resistance when tested in accordance with AS1530.4-1998, BS476: Part 20: 1987 and AS4072.1-1992. Certificates available on request. It is recommended for

- Sealing of gaps around pipes, cables, ducts and services which penetrate fire rated walls and floors.
- Fire rated cable penetration in concrete and masonry.
- Installation of fire rated sealant in concrete walls and floors – low movement only.
- For vertical and horizontal joints – low movement only.
- Application requiring acoustic properties or STC (Sound Transmission Co-efficient) rating.
- Perimeter sealing of door and window framing.
- Sealing gaps between faced and cladding panels to various building materials.
- For new construction and remedial applications.
- Helps prevent the spread of fire and smoke through walls and floors.

The technical information for Bostik Firecaulk can be found on the Bostik website [www.bostik.co.nz](http://www.bostik.co.nz).

This information includes:

- Technical Data Sheet
- Acoustic opinion
- VOC Certificate
- MasterSpec
- Safety Data Sheet

#### New Zealand Building Code (NZBC)

Bostik Firecaulk, 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 (c), 5 years.
- **Clause C3 FIRE AFFECTING AREAS BEYOND THE FIRE SOURCE:** Performance C3.4(a) and C3.7
- **Clause F2 HAZARDOUS BUILDING MATERIALS:** Performance F2.3.1.
- **Clause G6 AIRBORNE AND IMPACT SOUND:** Performance G6.3.1

#### 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 Firecaulk has been supplied and used in building in New Zealand for over 10 years.

### **Maintenance Requirements**

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

### **Expected product life**

It is expected that Bostik Firecaulk will have a life of at least 5 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 Firecaulk 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**

For more information on Bostik, products and conditions of use and sale contact:

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