



Product Technical Statement

Bostik MS Safe Seal

Bostik NZ Ltd manufactures adhesives, sealants, and other products used in building and construction.

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

A BRANZ appraisal for Bostik MS Safe Seal referring to the NZBC can be found on the Bostik website www.bostik.co.nz.

Product Description and Use

Bostik MS Safe Seal Adhesive is a paintable weatherproofing sealant for exterior use and a general purpose gap-filling sealant for exterior and interior use.

New Zealand Building Code (NZBC)

Bostik MS Safe Seal, if used, designed, installed and maintained in accordance with the statements and conditions of BRANZ Appraisal No. 705 (2010) and the Technical Literature, will meet or contribute to meeting the following provisions of the NZBC:

- **Clause B2 DURABILITY:** Performance B2.3.1 (b), 15 years and B2.3.1 (c), 5 years.
- **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.

Bostik MS Safe Seal 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.

Bostik MS Safe Seal is an Alternative Solution in terms of New Zealand Building Code compliance as follows:

- weathertightness of the building envelope when outside the scope of E2/AS1.
- general sealant for interior wet areas.
- general sealant for exterior and interior areas.

Evidence of compliance

Bostik New Zealand Limited provides this PTS to demonstrate that it has met its responsibilities under S14G of the Building Act. Bostik New Zealand Limited is able to support claims of performance, based on the technical evidence provided within [BRANZ Appraisal No. 705 \(2010\) Bostik MS Safe Seal](#).

Scope of use

Bostik MS Safe Seal is suitable for use as an exterior sealant in buildings within the following scope:

- the scope limitations of NZBC Acceptable Solution E2/AS1 Paragraph 1.1.

Bostik MS Safe Seal is also suitable for use as internal and external sealants in buildings subject to specific design within the following scope:

- in joints with a minimum depth of 5 mm; and,

- in joints with a minimum width of 5 mm and maximum width of 40 mm; and,
- with substrates of:
 - timber (unpainted and unstained) – particleboard, fibreboard, untreated pine, boron treated pine, tanalised pine, New Zealand natives or untreated Cedar or Douglas Fir; or,
 - plastics – PVC, melamine sheet, fibreglass (gelcoat side only), polyurethane coatings, epoxy and polyester coatings or epoxy mortars; or,
 - mineral – concrete, mortar, plaster, blockwork, brickwork, fibre cement sheeting, unglazed tiles, earthenware (clay), glazed ceramic tiles, stoneware (e.g. Hinuera stone and Oamaru stone), marble or granite; or,
 - metal – stainless steel, copper, brass, aluminium-zinc, zinc bronze, lead, tin, galvanised steel, mild steel, cast iron or aluminium (milled, anodised or powder coated); or,
 - stoved enamel.

Technical Literature:

The following Technical Literature available from the Bostik website: www.bostik.co.nz, must be followed to ensure compliance when Bostik MS Safe Seal Adhesive is used.

- Bostik MS Safe Seal Technical Data Sheet

Maintenance Requirements

Do not clean or treat Bostik MS Safe Seal 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.

More information:

Further Information available from the Bostik website: www.bostik.co.nz:

- Masterspec
- VOC Certificate
- Material Safety Data Sheet

Expected product life

It is expected that Bostik MS Safe Seal 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 MS Safe Seal 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 but not limited to:
 - 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:

Bostik New Zealand Ltd

0508 222 272

E-mail: nzsales@bostik.com

www.bostik.co.nz