

# BOSTIK MS AND SMP SEALANTS BPIR DECLARATION

Version 1.0 March 2024



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**DESIGNATED BUILDING PRODUCT:** Class 1

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## DECLARATION

Bostik New Zealand Ltd (Bostik) has provided this declaration to satisfy the provisions of the Building (Building Product Information Requirements) Regulations 2022.

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## COMPANY DETAILS

Name	Bostik New Zealand Ltd
Role	Manufacturer
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Email	<a href="mailto:nzsales@bostik.com">nzsales@bostik.com</a>
Phone	0508 222 777

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## DESCRIPTION OF BUILDING PRODUCT

**Bostik** manufactures and supplies a range of modified silicone sealants identified with the prefix MS and SMP (collectively referred to as MS). MS-based sealants are silicones that have been modified with other polymers, which change the properties of the sealant for various applications.

As with MS-based adhesives, MS-based sealants rely on a hybrid polymer, termed modified silyl (silane), as the base or as an additive in their manufacture. MS-based adhesives and sealants combine the strength of polyurethane and the weathering resistance of silicone.

The sealants may be applied to a wide range of substrates and have good environmental stability e.g. they retain its elasticity and stability over a wide temperature range. Typically, they may be used without the need of a primer.

Bostik's MS-based sealants are manufactured to the applicable standards and are third-party tested where relevant. Bostik has an active in-house testing regime for all their products.

For a complete list of Bostik's MS-based sealants and their use refer to Appendix 1.

All the MS-based sealants may be used in industrial applications, including manufacturing, packaging, and automotive and marine uses. More information on these uses is included in the **Industrial Adhesives Brochure**.

Bostik has a lengthy history in speciality adhesives. It originated in Massachusetts, America in 1889 and was known as the Boston Blacking Company. The name Bostik was adopted in 1960. In 2015 it became part of the Arkema group. Bostik has a strong focus on **sustainability; products and how they operated the business**.

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### BOSTIK NEW ZEALAND LTD

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## CONTRIBUTION TO BUILDING WORK CODE OBLIGATIONS

Bostik MS-based sealants do not have building code obligations. Building code obligations arise when used in building work. Bostik relies on their in-house testing, third-party testing, and compliance with standards, as applicable, to make the following claims.

When used in building work Bostik MS-based sealants may contribute to compliance with the applicable performance criteria in respect of:

- B1 (structure)
- B2 (durability)
- E2 (external moisture)
- E3 (internal moisture)
- F2 (hazardous building materials) F2.3.1.

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## FOR FURTHER INFORMATION

Bostik MS-based sealants must be used and stored in accordance with all information supplied by Bostik.

For supporting information refer to **Bostik**.

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## RESPONSIBLE PERSON

In accordance with Regulation 8, as the responsible person I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is therefore to the best of my knowledge, correct.

I can also confirm Bostik MS-based sealants, as referred to in this statement, are not subject to a warning or ban under **s26 of the Building Act**.

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**Signed for and on behalf of Bostik New Zealand Ltd:**

Tim Lewis

Tim Lewis  
MANAGING DIRECTOR

March 2024

## BOSTIK MS-BASED SEALANTS

# APPENDIX 1



Version 1.1 March 2024

Bostik supplies a full range of MS sealants, some with adhesive properties for exterior and interior application.

### SIMSON MSR DECK CAULK (DC) ADVANCED

Simson MSR DC Advanced is a 1-component sealant based on a Silyl Modified Polymer (SMP). It is solvent and isocyanate free.

It is primarily designed for marine uses as it is stable and permanently elastic over broad temperature range (-40°C - 100°C), has good UV, and weather and water (salt or fresh) resistance. It is fast curing and able to be sanded after cured.

This means that it is also suitable for use in exterior building uses such as decking in all environments that are as harsh as the nautical environment.

Click here for more [information](#).

### MS SAFE SEAL

MS Safe Seal is a multi-purpose, odour free, isocyanate free and solvent free sealant. It is fully paintable but is not designed for sealing joints that will be fully submersed in water.

It is supplied in three colours: black, white, and grey. A skin is formed after 2-3 hours, and it cures at a rate of 2 mm/24 hours.

It is intended for use in exterior and interior applications in joints. Bostik recommends depth to width ratio for maximum performance. It may be used with substrates including unpainted and unstained timber, plastics, mineral, metal and stoved enamel.

Its performance has been evaluated by [BRANZ 705\[2021\]](#).

Click here for more [information](#).

### SIMSON ISR 70-05 AP

Simson ISR 70-05 AP is a Silyl Modified Polymer (SMP) based adhesive which can also be used as a sealant.

It is supplied in three colours: black, white, and grey. A skin is formed after 15 min, and it cures at a rate of 3 mm/24 hours. It may be painted 10 minutes after application and ideally no longer than 4 hours after application.

It may be used in conjunction with multiple substrates including galvanised steel, powder coated metal, glass and PVC without primer. Some substrates do require primer if adhesion is required. Similarly, if high adhesion is demanded then Simson Prep M and/or Prep P should be used.

It is stable and permanently elastic over broad temperature range (-40°C - 120°C), has good UV, and weather resistance.

Click here for more [information](#).

### SIMSON ISR 70-03

Simson ISR 70-03 is a sealant/adhesive based on a Silyl Modified Polymer (SMP). It may be used in conjunction with multiple substrates including galvanised steel, powder coated metal, glass and PVC without primer. Some substrates do require primer if adhesion is required. Similarly, if high adhesion is demanded then Simson Prep M and/or Prep P should be used.

It is stable and permanently elastic over broad temperature range (-40°C - 110°C), has good UV, and weather resistance. It is paintable after a skin has formed without influencing the rate of curing.

Click here for more [information](#).

## SIMSON PANEL TACK

a moisture-curing, elastic adhesive, based on SMP, specially developed for bonding exterior flat façade panels like fibre cement cladding panels and durable plywood panels. Solvent- and isocyanate-free with excellent mechanical strength. Long term high elasticity with optimum distribution of strain. Good moisture and weather resistance. Simple and fast fixation.

One bonding system for both interior and exterior applications. Recommended for use in mounting of exterior façade panels used for exterior wall cladding, roof trims, parapets, etc.

Click here for more [information](#).