

BOSTIK POLYURETHANE (PU) SEALANTS & FOAMS

BPIR DECLARATION

Version 1.0 July 2024



DESIGNATED BUILDING PRODUCT: Class 1

DECLARATION

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

COMPANY DETAILS

Name	Bostik New Zealand Ltd
Role	Manufacturer
NZBN	9429039292674
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Website	www.bostik.com/newzealand/en_NZ/
Email	nzsales@bostik.com
Phone	0508 222 777

DESCRIPTION OF BUILDING PRODUCT

Bostik manufactures and supplies Polyurethane (PU) sealants

Like PU adhesives, PU sealants are manufactured from different types of isocyanates with polyols. However, PU sealants have a greater elongation and lower strength than PU adhesives, reflective of the gap filling purpose of a sealant. Where used in construction PU sealants are mainly used in sealing horizontal joints or non-sagging vertical applications (junctions).

Depending on the actual formulation PSU sealants can,

- adhere to a wide variety of substrates, regardless of porosity,
- be either heat or moisture curing,
- offer differing levels of moisture resistance,
- perform in different temperature ranges,
- dampen vibrations and absorb stress, and
- are paintable.

Bostik offers PU sealants in single and multi-component formulations. They 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 PU sealants and their use refer to Appendix 1.

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.

BOSTIK NEW ZEALAND LTD

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CONTRIBUTION TO BUILDING WORK CODE OBLIGATIONS

Bostik PU 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 PU 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.

FOR FURTHER INFORMATION

Bostik PU sealants must be used and stored in accordance with all information supplied by Bostik.

For supporting information refer to **Bostik**.

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 PU sealants, as referred to in this statement, are not subject to a warning or ban under **s26 of the Building Act**.

Signed for and on behalf of Bostik New Zealand Ltd:

Tim Lewis

Tim Lewis
MANAGING DIRECTOR

July 2024

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APPENDIX 1



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Bostik supplies a full range of PU sealants for exterior and interior application.

Seal N' Flex 1

A black, grey or white, one-component, Class-A, low modulus sealant.

When cured it forms a flexible seal capable of cyclic expansion/compression movement ($100\% \pm 50\%$) of the original installed joint width.

This, along with its resistance to normal weathering conditions and durability, means it is particularly suited for use in sealing joints in connection with

- concrete,
- precast and tilt up panels,
- brickwork and block work,
- granite and other stonework, and
- aluminium joinery,
- fibre cement and plasterboard sheets

Click here for more [information](#).

Seal N' Flex FC

A black, grey or white, one-component, Class-A, sealant. It has high bond strength and medium/high modulus.

When cured it forms a permanently elastic seal capable of cyclic expansion/compression movement ($100\% \pm 25\%$) of the original installed joint width.

It may be used in horizontal and vertical applications such as,

- sealing floor joints including in trafficable areas,
- granite, sandstone and marble pointing
- sealing construction and expansion joints, and
- perimeter sealing around joinery.

It adheres to a wide range of substrates including

- precast and tilt up panels,
- brickwork and block work,
- fibre cement and plasterboard sheets

It may be used where exposed to potable water (AS4020) and is resistant to fungal attack (AS1157.2). It is therefore suitable for sealing water tanks

Click here for more [information](#).

Expanda Pro Gun Foam

A one-component, champagne colour, self-expanding polyurethane foam.

It is gun applied and is suitable for sealing around joinery, roof openings and air-conditioning vents as it reduces sound and creates an air seal.

A 30 mm bead will cure within 1 hour at 20°C.

Expanda Pro Gun Foam will not adhere to silicone, PE, PP and PTFE.

Additionally, it is not UV stable and should be painted if it is to be left exposed to sunlight.

Product assurance is provided through a [BRANZ appraisal 890\[2020\]](#).

[Click here for more information.](#)

Expanda Pro Foam

A one-component, champagne colour, self-expanding polyurethane foam.

It is dispensed from the can and may be applied at any angle. It is suitable for sealing around joinery, roof openings and air-conditioning vents as it reduces sound and creates an air seal.

A 30 mm bead will cure within 1 hour at 20°C.

Expanda Pro Foam will not adhere to silicone, PE, PP and PTFE.

Additionally, it is not UV stable and should be painted if it is to be left exposed to sunlight.

Product assurance is provided through a [BRANZ appraisal 890\[2020\]](#).

[Click here for more information.](#)

Expanda Foam GP

Is a general purpose, one-component, ready to use, self-expanding polyurethane foam.

The dispensing aerosol can is supplied with a re-useable foldable nozzle and plug system which extends the shelf life.

It is suitable for sealing around joinery, roof openings and air-conditioning vents as it reduces sound and creates an air seal.

A 30 mm bead will cure within 90 minutes at 20°C.

Expanda Foam GP will not adhere to silicone, PE, PP and PTFE.

Additionally, it is not UV stable and should be painted if it is to be left exposed to sunlight.

Product assurance is provided through a [BRANZ appraisal 890\[2020\]](#).

[Click here for more information.](#)