



# Technical Data Sheet

## N49 Primer

### Porous Substrate Primer for Polyurethane Sealant Systems

#### Description

**Bostik N49 Primer** is designed for use with the Bostik Polyurethane sealant range to ensure adhesion to porous substrates.

Sealants requiring the application of **Bostik N49 Primer** on porous substrates only are:

- **Seal N Flex 1**
- **Seal N Flex FC**
- **Seal N Flex Construction**
- **Seal N Flex PR**
- **Fireban One**

#### Application Instructions

##### Surface Preparation

Prior to applying **Bostik N49 Primer** the substrate must be sound, dry, clean and free from any dust, residue or contamination and meet the requirements of substrate preparation detailed in the applicable Polyurethane Sealant Technical Data Sheet. Bostik primers or sealants must not be applied to unpredictable absorptive surfaces such as marble, limestone or granite unless a standard of appearance has been agreed on a result of testing for stain and/or discoloration.

##### Bostik N49 Porous Substrate Primer

- **Bostik N49** is clear in appearance, and formulated for use on porous substrates such as concrete, render & and masonry.
- **Bostik N49** is not suitable for application on non-porous substrates such as hard plastics and ferrous or non-ferrous metals. Refer Bostik N40 Primer Technical Data Sheet for non-porous substrate applications.
- Apply with a soft brush allowing a minimum drying time of 15 minutes before applying sealant.
- **Bostik N49** is moisture sensitive and will commence curing when exposed to ambient moisture. To maximize adhesion results:
  1. Decant the required qty that can be applied by brush within 30 minutes into a clean, dry container.
  2. Primer that changes colour or becomes thicker has commenced to cure and should be discarded.
  3. Avoid dipping the same brush into the original container unless the entire contents are applied in 30 minutes.
  4. Use a clean, dry container on each decant to avoid contamination and shortened pot life.
  5. Discard any unused primer; do not pour any unused primer back into any remaining original primer in the original container.

##### Application

Sealant must be applied within 4 hours or re-priming is required. A sample test application is recommended on all substrates as staining may occur where the primer has been applied to areas not covered by polyurethane sealant.



### Primer Yield Guide

1 litre of primer will coat approximately 50 lineal metre of concrete joint interface, depending on wastage and substrate type.

### Bostik Co-Operative Test Program

Bostik offer a service in which a program has been established to eliminate potential field problems by pre-testing Bostik adhesives with samples of building materials to which the adhesive will be applied. This service is available on large projects where pre application testing will aid in determining the proper surface preparation method to achieve optimum adhesion. Consult a Bostik representative for further information.

### Important Note

- The information given in this guide is based on Bostik experience and is correct to the best of our knowledge.
- However, since the use of our products in accordance with the instructions given, and their success in application are dependent on a number of factors, we can only be responsible for the quality of our products at the time of dispatch.
- Should any doubt arise about specification or application, our Technical Service Department should be contacted immediately.
- As the information given herein is of a general nature, we cannot assume any responsibility.
- Success will always depend on the peculiarities of the individual case. We also refer to our standard conditions of sale.

### Primer Selection Table

This Primer Selection guide for Polyurethane Sealants is provided to assist the user with the appropriate primer, which will ensure the optimum level of adhesion for the sealant to the substrates, noted.

| Sealant→                 | Seal N Flex 1 | Fireban One   | Seal N Flex FC | Seal N Flex Construction | Seal N Flex PR |
|--------------------------|---------------|---------------|----------------|--------------------------|----------------|
| ↓Substrate               |               |               |                |                          |                |
| Concrete                 | N49 OR MVP525 | N49 OR MVP525 | N49 OR MVP525  | N49 OR MVP525            | N49 OR MVP525  |
| Masonry Brick            | N49 OR MVP525 | N49 OR MVP525 | N49 OR MVP525  | N49 OR MVP525            | N49 OR MVP525  |
| Masonry Blockwork        | N49 OR MVP525 | N49 OR MVP525 | N49 OR MVP525  | N49 OR MVP525            | N49 OR MVP525  |
| Lightweight Blocks       | N49 OR MVP525 | N/A           | N49 OR MVP525  | N49 OR MVP525            | N49 OR MVP525  |
| Plasterboard             | NPR           | NPR           | NPR            | NPR                      | NPR            |
| Ceramic Tiles - unglazed | N49 OR MVP525 | N/A           | N49 OR MVP525  | N49 OR MVP525            | N49 OR MVP525  |
| ABS Rigid Plastic        | N40           | N/A           | N40            | N40                      | N40            |
| uPVC Rigid Plastic       | N40           | N40           | N40            | N40                      | N40            |
| Brass, Bronze            | N40           | N40           | N40            | N40                      | N40            |
| Copper                   | N40           | N40           | N40            | N40                      | N40            |
| Aluminium Mill Finish    | N40           | N/A           | N40            | N40                      | N40            |
| Aluminium Anodized       | N40           | N/A           | N40            | N40                      | N40            |
| Bright Steel             | N40           | N/A           | N40            | N40                      | N40            |
| Galvanised Steel         | N40           | N/A           | N40            | N40                      | N40            |
| Stainless Steel          | N40           | N/A           | N40            | N40                      | N40            |
| Porcelain                | N40           | N/A           | N40            | N40                      | N40            |
| Ceramic Tiles - Glazed   | N40           | N/A           | N40            | N40                      | N40            |
| Fibreglass Gel Coated    | N40           | N/A           | N40            | N40                      | N40            |

Recommendations given have been obtained from laboratory tests and can be considered as guiding values. Every substrate will vary from surface to surface and testing is advisable before applying primers or sealants. Please consult our technical services department for further information.

**Key:**

|        |   |
|--------|---|
| N49 =  | Bostik Porous Substrate Primer                                  |
| MVP525 | Bostik Porous Substrate Primer                                  |
| N40 =  | Bostik N40 Non Porous Rigid Plastic & Metallic Substrate Primer |
| NPR =  | No Primer Required  |
| N/A    | Not Applicable  |

**REFER TO SPECIFIC TECHNICAL DATA SHEET ON INDIVIDUAL SEALANT FOR ADDITIONAL INFORMATION ON INSTALLATION AND APPLICATION.**

**Safety Precautions**

SEE THE MATERIAL SAFETY DATA SHEET FOR ADDITIONAL INFORMATION.  
EMERGENCY INFORMATION: 1800 033 111 (ALL HOURS)  
MSDS can be downloaded from [www.bostik.com.au](http://www.bostik.com.au)

**Clean-Up**

Clean up uncured material and equipment immediately after use using **Bostik 9907** solvent. Do not use solvents on skin. Cured Bostik Polyurethane Primer is difficult to remove via chemical means and mechanical means may be necessary.

**Storage**

Store between 5°C and 30°C. Shelf life is twelve months in original unopened container.

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**Product Details**

| ITEM NO | ITEM NAME         | SIZE | COLOUR |
|---------|-------------------|------|--------|
| 151203  | BOSTIK N49 PRIMER | 1L   | CLEAR  |
| 159565  | BOSTIK N49 PRIMER | 4L   | CLEAR  |



### BOSTIK PRODUCT GUARANTEE

This product comes with consumer guarantees that cannot be excluded under the Australian Consumer Law (ACL). In addition to your rights as a consumer under the ACL or other laws, Bostik guarantees the performance of this product for 10 years if the product is used within its shelf life and in accordance with the usage instructions printed on this packaging or the product's Technical Data Sheet available on our website. This 10 year guarantee specifically excludes any loss or damage caused by incorrect usage and covers the removal and replacement of the affected materials if the failure is proven to be directly related to Bostik products within the warranty period.

If you wish to make a claim under this guarantee you must within 2 weeks after first identification of damage notify us in writing using the details on this packaging. You must provide evidence of your purchase and specify the batch number printed on the packaging. Bostik reserves the right to inspect any alleged failure and no responsibility will be accepted unless Bostik is given the opportunity to do so.

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Enquires:



Quality endorsed ISO9001 (Thomastown site)  
TS16949 (Automotive)

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