



## 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.

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→	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.



# N49 Primer

## 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



The information in this Technical Data Sheet is intended for the assistance of purchasers and is of a general nature. It reflects the extent of our knowledge and experience of our products and is based on tests which we believe to be reliable. However, no guarantee of accuracy can be given due to the wide range of surfaces, environmental and field conditions and variations encountered in raw materials, manufacturing equipment and methods at the place where the work is performed. Some of these will be beyond our knowledge or control. We recommend purchasers carry out their own tests to determine the suitability of the product for their particular purposes. Bostik Australia Pty Ltd limits its liability to replacement of the products or refund of the purchase price, but this limitation does not affect consumers' rights which cannot by law be excluded.

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Quality endorsed ISO9001 (Thomastown site)  
TS16949 (Automotive)

Product: N49 Primer  
Issue Date: May 2011  
Issue No. 2  
Author: MA  
Division: Construction  
Total Pages:4