

# SIMPRIME N49

## POROUS SUBSTRATE PRIMER FOR POLYURETHANE SEALANT SYSTEMS

Simprime N49 Primer is a primer designed for use with the Bostik polyurethane sealant range to ensure adhesion to porous substrates, particularly with water immersed applications. Bostik polyurethane sealants requiring the application of Simprime N49 / Bostik N49 on porous substrates only are:

- Simflex 1 / Bostik Seal 'N' Flex® 1
- Simflex FC / Bostik Seal 'N' Flex® FC
- Bostik Construction PU
- Infernoflex One / Bostik Fireban® One

### USES

Bostik N49 Primer can be used on porous substrates:

- Concrete
- Render
- Brick
- Blockwork
- Lightweight blocks
- Unglazed ceramic tiles

### KEY PERFORMANCES PROPERTIES

- Clear appearance
- Fast drying
- Promotes high bond strength of polyurethane sealants, acrylic sealants and waterproof membrane systems on non-porous substrates
- One part – no mixing required

### SURFACE PREPARATION

Prior to applying Simprime N49 / 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.

### APPLICATION

#### Simprime N49 / Bostik N49 Porous Substrate Primer

- Simprime N49 / Bostik N49 is clear in appearance, and formulated for use on porous substrates such as concrete, render & masonry.
- Simprime N49 / Bostik N49 is not suitable for application on non-porous substrates such as hard plastics and ferrous or non-ferrous metals. Refer Simprime N40 / 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.
- Simprime N49 / 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.



### TECHNICAL DATA

<b>Colour</b>	Clear
<b>Appearance</b>	Thin, colourless liquid
<b>Coverage</b>	1 litre: Approx. 50 lineal metres of joint per litre
<b>Drying time</b>	15 minutes
<b>Composition</b>	Moisture sensitive

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## APPLICATION Cont.

### 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.

SUBSTRATE	SIMFLEX 1 - SEAL 'N' FLEX 1	SIMFLEX FC - SEAL 'N' FLEX FC	CONST. PU	INFERNO FLEX ONE / FIREBAN ONE	MATRIX FC
Concrete	N49	N49	N49	N49	N49
Masonry Brick	N49	N49	N49	N49	N49
Masonry Blockwork	N49	N49	N49	N49	N49
Lightweight Blocks	N49	N49	N49	N/A	N49
Plaster board	NPR	NPR	NPR	NPR	NPR
Ceramic Tiles - unglazed	N49	N49	N49	N/A	N40
ABS Rigid Plastic	N40	N40	N40	N/A	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	N40	N40	N/A	N40
Aluminium Anodized	N40	N40	N40	N/A	N40
Bright Steel	N40	N40	N40	N/A	N40
Galvanised Steel	N40	N40	N40	N/A	N40
Stainless Steel	N40	N40	N40	N/A	N49
Porcelain	N40	N40	N40	N/A	N40
Ceramic Tiles - Glazed	N40	N40	N40	N/A	N40
Fibreglass Gel Coated	N40	N40	N40	N/A	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:

<b>Simprime N49</b>	Porous Substrate Primer
<b>Simprime N40</b>	Non Porous Substrate Primer
<b>NPR</b>	No Primer Required
<b>N/A</b>	Not Applicable

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

# SIMPRIME N49

## STORAGE AND SHELF LIFE

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

## SAFETY PRECAUTIONS

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

## PRECAUTIONS IN USE

Complete details on each of the products mentioned are available on the product Safety Data Sheets. To ensure no harm is caused to persons using Bostik products, it is recommended that all concerned read the appropriate Safety Data Sheets. Visit [www.simseal.com.au](http://www.simseal.com.au) for copies.

**For emergency information contact the Poisons Information Centre, phone 131 126 or the Emergency Response Service, phone 1800 033 111.**