

technical data sheet

POLYURETHANE PRIMER SELECTOR

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	Seal N Flex (1 component)	Fireban One (1 component)	Seal N Flex Immersible (2 component)	Seal N Flex Trafficable (2 component)	Seal N Flex Non Sag (2 component)
ABS Plastics	N40	PATS	PATS	PATS	PATS
Acrylic Perspex	SW	PATS	PATS	PATS	PATS
Aluminium Mill Finish	N40	N40	PATS	N40	N40
Aluminium Anodized	5077	N40	PATS	PATS	N40
Aqua Plate	N40	N40	PATS	PATS	N40
Brick	NPR	NPR	N49	N49	NPR
Brass, Bronze	5077	N40	PATS	N40	N40
Ceramics	NPR	NPR	PATS	N49	NPR
Concrete Masonry	NPR	NPR	N49	N49	NPR
Copper	N40	N40	N40	N40	N40
Epoxy Coatings	NPR	PATS	PATS	PATS	PATS
Fibreglass Gel Coated	NPR	PATS	N49	N49	N49
Galvanised Steel	5077	N40	N40	N40	N40
Glass	NPR	NPR	PATS	PATS	PATS
Granite	N49	N49	PATS	N49	N49
Limestone	NPR	NPR	PATS	N49	NPR
Lightweight Blocks	N49	N49	N49	N49	N49
Marine Plywood	NPR	PATS	PATS	N49	N49
Marble	NPR	NPR	PATS	N49	NPR
Plasterboard	NPR	NPR	PATS	PATS	NPR
Polycarbonate	N40	PATS	PATS	PATS	PATS
Polythene Pipe	N40	PATS	PATS	PATS	PATS
Porcelain	NPR	NPR	N40	N40	N40
PVC Rigid	N40	PATS	PATS	PATS	PATS
Slate	NPR	NPR	PATS	NPR	NPR
Stainless Steel	5077	5077	PATS	N40	N40
Steel	5077	5077	N40	N40	5077
Teak	PATS	PATS	PATS	PATS	PATS
Untreated Softwoods (Corks, Particleboard)	NPR	PATS	PATS	PATS	NPR
Untreated Hardwoods	NPR	PATS	PATS	PATS	NPR
Vinyl (Soft)	N40	PATS	PATS	PATS	PATS

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 sealants. Please consult our technical services department for further information.

KEY:

5077= Bostik 5077 Cleaner

NPR= No Primer Required

PATS= Not Tested (Pretested Adhesion to Substrate)

N49= Bostik Porous Substrate Primer

N40= Bostik N40 Non Porous Substrate Primer

SW= Solvent Wipe (Methyl Ethyl Ketone)

DESCRIPTION

Bostik Primer range are designed for use with the Bostik polyurethane sealant range to ensure adhesion to porous and non porous substrates.

SURFACE PREPARATION

Prior to applying any Bostik primers/cleaners the substrate must be sound, dry, clean and free from any dust, residue or contamination. Metal surfaces may require abrasive cleaning to remove any traces of rust, flaking paint or other coatings prior to the application of primers/ cleaners. Bostik primers/ cleaners and sealants should 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 discolouration. See P.A.T.S Programme.

BOSTIK 5077 CLEANER

Bostik 5077 Cleaner is a clear adhesion promoter that is designed to degrease and deposit a bond promoter on metals and some plastic. Apply with a clean cloth, allow to dry for a minimum of 10 minutes. Sealant must be applied within 1 hour or re-priming is required.

BOSTIK N49 POROUS SUBSTRATE PRIMER

Bostik N49 is clear in appearance, and formulated for use on porous substrates such as concrete and masonry, particularly with water immersed applications using Bostik low modulus polyurethane. Apply with a soft brush allowing to dry for 15 minutes. Sealant must be applied within 4 hours or re-priming is required. Pretest is recommended on natural stones as staining may occur.

BOSTIK N40 NON POROUS SUBSTRATE PRIMER

Bostik N40 Primer is clear in appearance. Formulated for priming of non porous substrates such as some plastics and metals. Apply with a clean cloth. Allow to dry for a minimum of 10 minutes. Sealant must be applied within 1 hour or re priming is required.

BOSTIK BOND FLEX POROUS SUBSTRATE PRIMER

Bostik Bond Flex Primer is clear in appearance. Formulated for priming of porous of porous substrates such as timber, brickwork and concrete for Bostik Fast Cure Polyurethane. Apply with a soft brush and coat substrate thoroughly ensuring a shiny 'wet' appearance. Allow to dry for at least one hour. Sealant must be applied within 4 hours 4 hours or re-priming is required.

PRIMER YIELD GUIDE

1 litre of primer will coat approximately 50 lineal metre of concrete joint interface.

P.A.T.S (Pretested Adhesion To Substrate) Programme

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 many year 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 is 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.

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

MATERIAL SAFETY DATA SHEET AVAILABLE UPON REQUEST ON INDIVIDUAL PRIMER AND PRODUCTS.

HEALTH AND SAFETY

- On contact, Bostik Polyurethane Primer causes irritation. Gloves and protective goggles must be worn during application and use.
- Avoid contact with skin, eyes and avoid breathing in vapour.
- Wear protective gloves when mixing or using
- If poisoning occurs, contact a doctor or Poisons Information Centre.
- If swallowed, do not induce vomiting. Give a glass of water.
- If skin contact occurs, remove contaminated clothing and wash skin thoroughly for a minimum of 15 minutes and see a doctor.
- For more detailed information refer to Material Safety Data Sheet.

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.

ITEM NO	STOCK SIZE	COLOUR
BOSTIK N40 PRIMER		
231436	BOSTIK N40 PRIMER 1L	Clear
BOSTIK N49 PRIMER		
151203	BOSTIK N49 PRIMER 1L	Clear
159565	BOSTIK N49 PRIMER 4L	Clear
BOSTIK BOND FLEX PRIMER		
229504	BOSTIK BOND FLEX PRIMER 500ml	Clear
BOSTIK 5077 CLEANER		
227935	BOSTIK 5077 CLEANER 1L	Clear

Product: Polyurethane Primer
Issue Date: October 2001
Issue No: 1
Division: Construction
Total Pages: 3

The representations and recommendations regarding the products are based on tests which we believe to be reliable. However, no guarantee of their accuracy can be made because of the great range of field conditions and variations encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with a limited warranty only, and on the condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will Bostik Findley Australia be liable to anyone except for replacement of the products or refund of the purchase price.

ALL SALES ARE EXPRESSLY LIMITED TO THE TERMS AND CONDITIONS OF SALE OF BOSTIK FINDLEY AUSTRALIA.

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