



technical data sheet

PLUMB-SEAL PROFESSIONAL Plumbers Sealant

PRODUCT

Bostik Plumb-seal Plumbers Sealant is an industrial grade one part modified polyurethane sealant/adhesive.

DESCRIPTION

Bostik Plumb-seal Plumbers Sealant cures to form a tough, flexible high strength bond providing a watertight seal. Suitable for use on most common building materials such as steel, aluminium, concrete, timber, bricks, and block work.

FEATURES & BENEFITS

- **High Adhesive Strength** (Tough, durable adhesive)
- **Paintable** (No time limit, can be overpainted by waterborne undercoat and top coated with most conventional coating systems any time after full cure)
- **One Part** (No mixing)
- **Longer Working Time** (Surface skinning will not commence for 3 hours allowing longer tooling off time.)
- **Anti Fungal** (AS1157 Certification)
- **Potable Water Approved** (AS4020 Certification)
- **Australian Made** (Suited for Australian climatic conditions)
- **Non Staining** (No surrounding surface leach staining)
- **No Dirt Pick Up** (No di-electric surface charge to retain airborne contaminants)
- **International Testing** (Tested to ASTM, DIN and AS Standards)

PERFORMANCE PROPERTIES

Typical properties after seven days cure at 25°C and 50%RH.

Appearance	Non-sag smooth thixotropic paste
Cure Method	Moisture Curing
Tack free time	6-12 hours
Rate of cure	2mm /24h
Hardness shore A	30 approx.
Tensile strength	> 1.3 N/mm ²
Chemical resistance	Resistant to diluted acids, alkalis & some solvents. Intermittent contact with diesel and petroleum.
Elongation at break	>900%
Application Temperature	5°C to 35°C
Temperature resistance	-40°C to +70°C
Colour	Grey, White
Full cure	7 days (40mm x 20mm joint)
Potable water approval	AS4020
Acoustic Properties	Excellent
Paintable after full cure	Refer paintability statement

PACKAGING

300 ml/380 g cartridge. 20 cartridges per carton.

COVERAGE

The coverage below is approximate and dependant on substrate conditions.

Pack Size	Lineal Metres 6mmX6mm bead	Lineal Metres 10mmX10mm bead	Lineal Metres 20mmX10mm bead
300ml ctg.	8.3	3	1.5

Calculation formula $\frac{W \times D \times L}{1000} = \text{Litres}$

W = Width(mm) D = Depth(mm) L = Length(metres)

APPLICATION INSTRUCTIONS

1. SURFACE PREPARATION

Surface to be sealed must be clean, dry, free of wax, oils, grease or any loose or flaking paint. For greasy surfaces we recommend the use of Bostik 5077 or 9907 Cleaner.

2. APPLICATION

Plumb-Seal Plumbers sealant is dispensed from cartridge by means of a hand or air operated caulking gun designed for such application (available from Bostik).

Cartridge – cut off top of threaded end, the membrane from the top of the cartridge and screw on the supplied nozzle, having previously cut this to give the required angle and bead size. Place the cartridge in a suitable Bostik extrusion gun and press the trigger.

Apply Plumb-Seal Plumbers sealant in a continuous operation using positive adequate pressure to properly fill and seal the space.

Excess sealant should be wiped from all surfaces while still uncured.

3. Clean up

Wipe off excess sealant immediately and clean up with Bostik 9907 or mineral turpentine.

PRECAUTION

Bostik Plumb-Seal Plumbers Sealant may be painted over after full cure. It is not recommended under solvent based coatings such as gloss enamels. A field test is recommended to ensure compatibility.

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.

HEALTH AND SAFETY

On contact, uncured sealant causes irritation. Gloves and protective goggles must be worn during application and use.

- Avoid contact with skin, eyes and avoid breathing in vapour.

First Aid

- If poisoning occurs, contact a doctor or Poisons Information Centre. Australia phone 131126 and New Zealand 03 4747000

- 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.

STORAGE

12 months in unopened containers when stored under 30°C.

BOSTIK PLUMB-SEAL

ITEM NO.	STOCK SIZE
255262	BOSTIK PLUMB SEAL GREY 380GM
255270	BOSTIK PLUMB SEAL WHITE 380GM

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 Australia Pty Ltd 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 AUSTRALIA PTY LTD



BOSTIK AUSTRALIA PTY LTD
 Phone: +61-3-9279 9333
 Fax: +61-3-9279 9240

BOSTIK NZ LIMITED
 Phone: +64-4-567 5119
 Fax: +64-4-567-5412

FOR FURTHER INFORMATION

BOSTIK SINGAPORE PTE LTD
 Phone: +65-863 4088
 Fax: +65-863 4077

BOSTIK (MALAYSIA) SDN BHD
 Phone: +606 764 3246
 Fax: +606 764 3248

SYDNEY
 Phone: 02 8825 3488
 Fax: 02 8825 3411

ADELAIDE
 Phone: 08 8244 0511
 Fax: 08 8244 0522

PERTH
 Phone: 08 9258 6218
 Fax: 08 9258 7687

BRISBANE
 Phone: 07 3260 2206
 Fax: 07 3260 2123

(ABN 79 003 893 838)

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