

technical data sheet

SEAL 'N' FLEX TG

Polyurethane Construction Joint Sealant

PRODUCT DESCRIPTION

Seal 'N' Flex TG is a low modulus, one component polyurethane sealant. When cured it will form a tough, flexible seal capable of cyclic expansion and compression movement of 50% (\pm 25%) of the original joint width.

Seal 'N' Flex TG is virtually unaffected by normal weathering conditions such as rain, sunlight, snow, sleet, ultra-violet radiation, ozone, atmospheric contamination and pollution. Its excellent weatherability enables it to retain its original properties after years of exposure.

RECOMMENDED USES

Sealing joints in:

- Insitu concrete
- Precast and tilt up panels
- Brick and blockwork
- Plasterboard
- Aluminium windows
- Granite, sandstone and marble
- GRC, Fibreglass & Specialty panel systems
- Metal curtain wall
- Water tanks

FEATURES & BENEFITS

- Low modulus 50% (\pm 25%)
- Excellent durability
- One component, no mixing required
- Australian made
- Colour range
- Acoustic rating
- Paintable (refer limitations)
- Non staining

PACKAGING

Seal 'N' Flex TG is supplied in 600ml sausages. 20 per carton.

COVERAGE

The coverage below is the approximate lineal metre coverage per pack size.

Size	6mm x 6mm	10mm x 10mm	20mm x 10mm
600ml (sge)	16.7	6	3

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

W = width (mm) D = depth (mm) L = length (metres)

APPLICATION INSTRUCTIONS

Preparation

Clean and dry all surfaces by removing foreign matter and contaminants such as oil, dust, grease, frost, water, dirt, old sealants and any protective coating. Dust and loose particles should be blown out of joints or vacuum cleaned. Non porous surfaces may require preparation / priming, refer primer selection guide. Cleaning solvents should not be allowed to dry or evaporate without being wiped with a clean, dry cloth.

PRIMING

For maximum performance on porous surfaces and in all immersed applications use Bostik N49 Primer.

5077 cleaner / N40 primer is recommended for non-porous surfaces. Prior to any application of Seal 'N' Flex TG refer to primer selection guide.

APPLICATION

Seal 'N' Flex TG should be dispensed from the cartridge or sausage by means of a caulking gun (available from Bostik). For sausages, a barrel gun is required, clip the end of the sausage and place in barrel gun. Screw end cap and nozzle on to barrel gun. Using the trigger extrude the sealant, to stop depress using the catch plate. Apply Seal 'N' Flex TG in a continuous bead using enough pressure to properly fill the joint.

JOINT SEALING HINTS

- Prime prior to the installation of the backing rod
- Always use backing rod for correct sealant geometry
- Ensure maximum adhesion to bond face and depth to width ratio of 1:1 to 12mm and 2:1 from 12mm to 50mm
- Tool sealant to achieve concave shape



MIXING

No mixing is required for Bostik Seal 'N' Flex TG

PRECAUTION

Seal 'N' Flex TG should not be

- Used in chlorinated water such as swimming pools, spas etc
- Constantly immersed in salt water
- Used for glazing applications
- Applied to cement based substrates within 28 days
- Used in trafficable joints greater than 10mm in width
- Applied at temperatures below 5°C

PAINTABILITY

Bostik Seal 'N' Flex TG can be painted after full cure. Coatings containing solvents such as enamels, oil based or other coatings may cause the surface of the sealant to react creating a tacky surface. A field test is recommended to ensure compatibility of the coatings with Seal 'N' Flex TG (refer PATS).

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.
- 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.

STORAGE

Store between 5°C and 30°C. Shelf life is two years in original unopened cartridge or sausage.

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 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 FINDLEY AUSTRALIA PTY LTD

FOR FURTHER INFORMATION



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

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

**BOSTIK FINDLEY
SINGAPORE PTE LTD**
Phone: +65-6863 4088
Fax: +65-6863 4077

**BOSTIK FINDLEY
(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 9331 7666
Fax: 08 9331 7677

BRISBANE
Phone: 07 3265 2377
Fax: 07 3265 5421

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