

technical data sheet



SEAL 'N' FLEX AC

Construction Grade Acrylic Joint Sealant

PRODUCT

Bostik Seal'N'Flex AC is a high performance acrylic joint and construction sealant.

DESCRIPTION

Bostik Seal'N'Flex AC is single component water based construction grade acrylic sealant for general construction sealing applications. Designed for internal and some external applications for vertical sealing requirements where a flexible joint sealant is required.

RECOMMENDED USES

- Sealing expansion joints in precast concrete panels.
- Sealing joints in block-work, brickwork and timber/steel joints.
- Sealing joints where a moderate degree of joint movement is required.
- May be painted with conventional available paints.
- May be used where sealing is required for internal vertical joints.
- Window and door perimeter sealing

FEATURES & BENEFITS

- Acoustic rating properties
- Excellent weather resistance
- Good adhesion to most building materials
- May be overpainted
- Moderate flexural properties
- Water based technology, water clean up
- Australian made

PERFORMANCE PROPERTIES

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

Appearance	Non-sag smooth thixotropic paste
Cure System	Moisture evaporation
Tack free time (minutes)	45 minutes
Rate cure in mm/24hr	3.5mm
Hardness shore A	27 approx.
Chemical resistance	Good
Application temperature	5° C to 35°C
Service Temp.	-40°C to +70°C
Colour	Grey, limestone, white
Full cure	7 days
Acoustic properties	Excellent
Paintable	Approx. 24 hours after application
Maximum joint width	25mm
Maximum joint movement	± 10% Total joint movement is 20%

PACKAGING

Seal'N'Flex AC is supplied in 10 litre pails and 600ml (900gm) sausages 20 per carton

COVERAGE

Pack Size	Lineal metre 6mm bead	Lineal metres 20mm bead with and 10mm depth
600ml (900gm) sausage	16.6	3.0
10 litre pail	276	50

APPLICATION INSTRUCTIONS

Preparation:

Clean all surfaces by removing foreign matter and contaminants such as oil, dust, grease, frost, water, surface dirt, oil sealant and any protective coating, dust, or any loose particles, should be blown out of joints with oil free compressed air or vacuum cleaned.

Cleaning solvents should not be allow to air dry or evaporate without being wiped with a clean, dry cloth.

For sausages, barrel gun is required, this is available from Bostik. Clip the end of the sausage and place complete sausage with pierced end lactated at the top of the nozzle. Screw top of nozzle and housing on barrel of gun. Using the trigger on the gun extrude product from the sausage. To stop product flow, using the thumb depress the catch plate mechanism located at the very rear of the gun, directly above the trigger.

Apply Seal'N'Flex AC in a continuous operation using positive pressure adequate to properly dill and seal a cavity.

Load barrel caulking gun

Place the Bostik follower plate, item no. 219576 on top of the sealant in the pail and load by direct filling a Bostik bulk barrel gun (item no. 222143). Install backer rod into the joint and apply Bostik Seal'N'Flex AC in a continuous operation.

MIXING

No mixing is required simply use directly form sausage of pail.

PRECAUTION

Not recommended for use:

- Where abrasion or physical abuse can be expected.
- Do not apply Seal 'N' Flex AC to any material containing bitumen. Do not allow bitumen to contact Seal 'N' Flex AC
- In sealing submerged joints
- Underwater or in marine application
- When applied to substrates below 5°C
- With absorptive surfaces such as marble, limestone or granite without prior testing for staining and/or discolouration
- In horizontal applications
- On powder coated surfaces
- On damp substrates
- On trafficable applications.

PAINTABILITY

Bostik Seal'N'Flex AC can be painted as early as 24 hours after application using water borne coating and most epoxy flooring systems. Coatings containing high oil based undercoats may cause the surface of the sealant to react creating a tacky surface to develop. A field test is recommended to ensure compatibility. To obtain best appearance and performance the paint must approximate the elongation capabilities of the sealant. High build coatings with some elastomeric ability such as quality acrylic emulsions have the capability to absorb low movement without significant distortion of the paint film. Please contact Bostik Technical Department if unsure if any paint system.

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 using water. Do not use solvents on skin. For removal on skin, uncured sealant can be removed with Bostik Handy-Clean towels.

STORAGE

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

FIRE

Seal'N'Flex AC is non-flammable.

ITEM NO	STOCK SIZE	COLOUR
SEAL'N'FLEX AC		
158445	10 litre pail	Grey
210927	600 ml sausage (20 per carton)	Grey
251100	10 litre pail	Limestone
248924	600ml sausages (20 per carton)	White

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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.

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