



# SEALN'FLEX<sup>®</sup>

## PRODUCT CATALOGUE



# SEALN' FLEX<sup>®</sup> FACADE

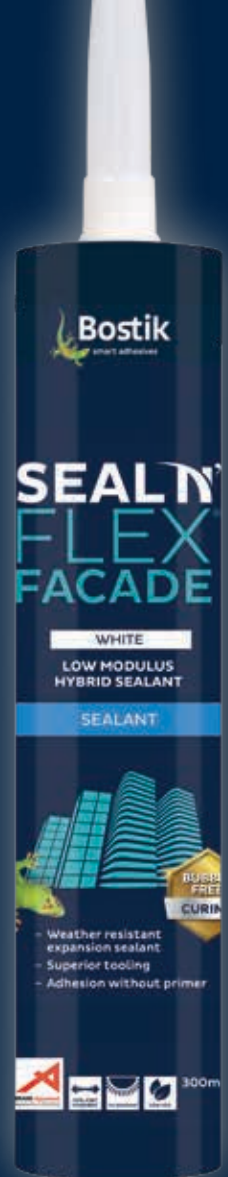
## PREMIUM LOW MODULUS FLEXIBLE HYBRID FACADE CONSTRUCTION SEALANT

New to the Seal N' Flex Family, **Seal N' Flex Facade** is a BRANZ appraised, professional quality, high performance, weather resistant, Hybrid Polyurethane Construction Sealant, **ideal for facade construction joints**.

### FEATURES



- Low modulus:  $\pm 25\%$  Joint Movement
- Advanced bubble-free curing
- Excellent adhesion without primer on most, even damp, surfaces (see TDS)
- Very low odour, low VOC
- Contains no isocyanates, solvents or silicones
- Low shrinkage
- Excellent resistance to UV, water and weather
- Durable, permanently elastic rubber seal
- High performance moisture curing
- Superior tooling capabilities
- Paintable
- BRANZ Appraised: Appraisal No. 1100 (2019)
- Passed AsureQuality assessment for food/beverage/dairy factory food areas non-contact with food/contact surfaces H4309



### SUITABLE SUBSTRATES

Seal N' Flex Facade has been specifically developed for sealing expansion joints in In-situ concrete and render, Precast and tilt up panels, Brickwork and Block work, Plasterboard face and paper lined recessed edges, Fibre cement sheet, Aluminum windows, GRC, Fiberglass and most specialty panel systems, Painted wood, Stainless steel, some plastics. Testing before use is recommended.

### KEY ADVANTAGES



- **Enhanced performance in extreme temperatures:** the absence of traditional curing agents in this Hybrid Polyurethane formula results in a sealant that is more stable in cold or humid conditions. This means that Seal N' Flex Facade is completely non-bubbling and maintains a good working consistency in lower temperatures.
- **Easier to work with:** No solvent, no worries. Seal N' Flex Facade is very pleasant to work with. Not only is it almost odourless, it is also simple to tool and smooth meaning joint work is faster and easier.
- **Adhesion to damp surfaces:** Seal N' Flex Facade will adhere to most surfaces without the aid of a primer\*, even if the surface is damp. It is also resistant to early onset rain before full cure. No need to check the forecast before work begins.

\*See TDS for limitations

# SEALN' FLEX<sup>®</sup> 1

## PREMIUM POLYURETHANE CONSTRUCTION SEALANT

Seal N' Flex 1 is Bostik's tried and trusted, premium polyurethane construction sealant. Demonstrating extraordinary flexibility and excellent adhesion to a wide range of surfaces, Seal N' Flex 1 is the ideal general purpose, high performance, low modulus, Class-A construction sealant for expansion and control joints, **ideal for tilt slab and pre-cast panels.**



### FEATURES

- When cures, forms a tough and flexible seal capable of cyclic expansion and compression movement of 100% ( $\pm 50\%$ ) of the original installed joint width
- Retains its original properties even after years of weather and UV exposure
- Excellent durability
- Paintable (refer to TDS for limitations)
- Acoustically rated
- Non staining

### SUITABLE SUBSTRATES

Insitu concrete and render, precast and tilt up panels, brickwork and blockwork, plasterboard face and paper lined recessed edges, fibre cement sheet, aluminium windows, granite sandstone and marble, GRC, fibreglass and most specialty panel systems.

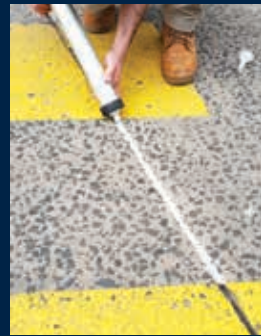


- **Food Safety:** MPI approved for use in farm dairies and recognised for dairy processing
- **Food Safety:** MPI approved C21 (all animal products except dairy)
- Available in grey, white and black in cartridge and sausage

# SEALN' FLEX<sup>®</sup> FC

## FAST CURING POLYURETHANE CONSTRUCTION SEALANT

Seal N' Flex FC is a high performance, fast curing, medium to high modulus Polyurethane Construction sealant. It cures to form a tough, flexible seal with a shore "A" hardness of 50, making it **ideal for pedestrian and vehicle trafficable areas.**



### FEATURES

- Fast tack-free time and cure rate, up to 30% faster compared with other polyurethane sealants
- Forms a tough but flexible seal capable of cyclic expansion and compression movement up to 50% ( $\pm 25\%$ ) of the original joint dimension
- Resistant to fungal attack, hydrolysis, aging, and many chemicals
- AS4020 potable water tested
- Available in grey, white and black in cartridge and sausage

### SUITABLE SUBSTRATES

Best suited to the floor joints of trafficable areas such as stairs, pavements, roadways, and runways that require heavy or vehicle traffic over them shortly after curing. Also ideal for specialty panel systems, blockwork, concrete, fibre cement board, potable water tanks, door and window framing, curtain walls and service penetrations, and common building substrates.



## FAQ'S

1

### WHAT DOES FC MEAN?

“FC” stands for Fast Cure. Seal N' Flex FC will cure up to 30% faster than its counterparts Seal N' Flex 1 and Facade, making it particularly suited to jobs that require the joint to be back in full service faster than usual.

2

### HOW DOES IT PERFORM FOR EXTERIOR DURABILITY?

All Seal N' Flex products are highly suited to external applications due to their extraordinary weather and UV durability. All products in the range will resist years of exposure to the elements. Seal N' Flex FC has a Shore “A” hardness of 50, and is particularly capable in circumstances requiring mechanical resistance, therefore it is ideal for trafficable areas.

3

### HOW DOES IT PERFORM FOR CHEMICAL RESISTANCE?

All products in the Seal N' Flex range are resistant to dilute acids, alkalis and some solvents as well as intermittent contact with petroleum and diesel.

4

### CURE TIME BEFORE PAINTING?

Bostik Seal N' Flex Facade and Seal N' Flex FC can be painted after a minimum of 24 hours from application. Seal N' Flex 1 can be painted after a minimum of 7 days from application. Always refer to the paintability section of the Technical Datasheet for each product for compatibility recommendations.

5

### WILL SEAL N' FLEX FACADE ADHERE TO DAMP SUBSTRATES?

Yes, Seal N' Flex Facade is designed to adhere to damp substrates however it is recommended to wipe away free water prior to application to enhance initial adhesion. Seal N' Flex Facade is also resistant to early onset rain after application.

6

### WHICH SEAL N' FLEX PRODUCT SHOULD BE USED FOR APPLICATIONS EXPOSED TO TRAFFIC?

For pedestrian and vehicle traffic areas, use Seal N' Flex FC.

7

### WHAT COLOURS AND SIZES ARE AVAILABLE IN THE SEAL N' FLEX RANGE?

All Seal N' Flex products are available in black, grey and white in 300 mL cartridge and 600 mL sausage

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### DO I NEED TO PRIME?

When using Seal N' Flex 1 or Seal N' Flex FC, we recommend always priming before application to achieve the peak performance properties. Refer to product TDS for priming recommendations. Seal N' Flex Facade will adhere perfectly to most non-porous surfaces without the aid of primer, however some porous surfaces may require priming for best performance.

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Before use please refer to current Technical Data Sheet and Safety Data Sheet

[bostik.co.nz](http://bostik.co.nz)

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INNOVATIVE CHEMISTRY