

BASTION BOND BREAKER JOINT SEALANT

Wet Area Silicone Sealant



Description

Bastion Bond Breaker Joint Sealant is an anti-fungal, high performance, UV resistant, neutral-cure silicone sealant specially formulated to seal joints and form bond breaker cove/fillets prior to application of Bastion waterproofing products. The use of a bondbreaker system is a mandatory step to meet the requirements of AS3740 and AS 4654.1 standards for internal and external waterproofing

Uses

- As a bond breaker/fillet for use with Bastion waterproof membrane systems to the following areas:
 - Perimeter wall/floor junctions
 - Horizontal & vertical joint transitions including shower wall/wall junctions and joints to shower niches
 - Structural floor sheeting joints and fixings
 - Around floor penetrations and Leak Control Flanges
 - Around wall penetrations and taps
 - Sealing Cracks

Can also be used for:

- Perimeter sealing of baths, basins, shower basins, spas and sinks
- Ceramic and other tile joints (note: natural stone must be pre-tested to ensure the product does not stain).
- Window frames.
- Exhaust fans.
- Metal fixtures including shower frames.

Features & Benefits

- Manufactured to the highest Australian Standards and Quality Assurance - Bastion Joint Sealant comes with a 10-year manufacturer's warranty.
- 100% Silicone
- Non shrink
- Excellent adhesion properties over most common building surfaces including painted surfaces.
- Neutral Cure is non-corrosive and does not react with metals and other surfaces.
- Permanently flexible to resist cracking, shrinking and vibration.
- Suitable for interior and exterior applications
- Unaffected by extreme temperatures.

Features & Benefits continued

- Waterproof to provides a flexible watertight seal.
- Low VOC which means low vapour, low odour and a safer work environment
- UV resistant
- Proven product performance in millions of applications around Australia and overseas

Substrates

- Concrete
- Screed
- Render
- Masonry
- Compressed fibre cement sheet
- Aluminium
- Galvanised steel
- Ceramics
- Glass
- Plastics

Surface Preparation

Surfaces must be prepared thoroughly before commencing and is critical to the success of the application

All substrates must be structurally sound, dry, and clean and free of, loose material, de-bonded coatings, curing membranes/agents, release agents, wax residues, foreign particles, laitance, algae and moss, grime, oils, animal fats or grease remains and general contaminants.

Application

Forming Bond Breaker

- Insert a backing rod if depth of the joint is excessive.
- Cut nozzle at 45° angle to desired thickness. Typically, 10mm diameter is required to achieve 12mm bond breaker size
- Cut nub on the cartridge
- Insert cartridge into a caulking gun.
- Hold gun at 45° angle with nozzle in contact with both sides of joint.
- Apply by pushing Bastion Joint Sealant ahead of nozzle, thus ensuring it is pushed firmly into place.
- Smooth off using a tool with minimum of 12mm radius to form bond breaker profile before skin forms
- Remove excess Sealant immediately with a cloth and/or scraper.
- Bastion Waterproof Reinforcing Fabric is ready to apply once sealant is touch dry.
- Bastion Joint Sealant skins in 5 minutes and is touch dry in 30 minutes

Coverage

13 lineal metres @ 5 mm x 5mm bead

Clean up

- Excess sealant can be removed immediately with a cloth dampened with mineral turpentine or suitable solvent.
- Cured sealant can be removed by trimming with a sharp blade

Packaging

300ml cartridges

Shelf Life/Storage

- Store in a cool (below 25°C), dry, well-ventilated place.
- Do not store in direct sunlight
- Shelf life: 12months when stored as per above recommendations

Precautions

- Do not apply to wet surfaces - ensure surfaces are clean and dry.
- All applications should be pre-tested to ensure the finished results with Bastion Joint Sealant meet the expectations of the user
- Adhesion of Bastion Joint Sealant to substrates should be pre-tested to ensure there is adequate adhesion.
- Pre-test Bastion Joint Sealant on substrates for any potential staining. This is especially relevant for natural stone like marble.
- Not to be used for structural glazing.
- Not paintable.
- Not to be used on extruded polycarbonates or polyacrylates as cracking may occur
- Not recommended for use in trafficable applications or continually submersed conditions
- Not recommended for below water line applications.
- Not recommended for applications in which it will be in constant contact with chlorinated water.
- For further information contact Bunnings

Product Information

Physical Properties

BASTION BOND BREAKER JOINT SEALANT

Wet Area Silicone Sealant

Appearance: White
Form: Paste
VOC: 54 g/L
Sag/Slump: Nil

Performance Data
Tensile Strength: 200 psi (15 kg/ cm²)
Joint M movement: +/- 25% Min

Application Data
Application Range: 10°C to +50°C
Service Temperature: -60°C to +175°C

Dry Times
Skin Time @20°C: 3-5 minutes
Tack Free Time @20°C: 10 minutes
Cure Time: 24 hours @ 2 mm depth/ 5 days for full cure @ 10mm depth

Notes

It is recommended before commencing the application; that adhesion of products to be used (e.g. primers, membranes, coatings adhesives etc) is tested over a typical area of the prepared surface to ensure satisfactory adhesion. It is the responsibility of the applicator to carry this out and accept the substrate suitability before any application starts. Details contained in product data sheets are general. For any situation or items not covered in this data sheet, it is the responsibility of the applicator to check with Bunnings before commencing the application.

Product Disclaimer

This Product Data Sheet (PDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this PDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the way, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Bunnings does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

Contact Details

Bunnings Pty Ltd.
16-18 Cato Street.

Hawthorn East, Victoria 3123.
Locked Bag 3004
Hawthorn, VIC 3122

(03) 8831 9777

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