

Packaging



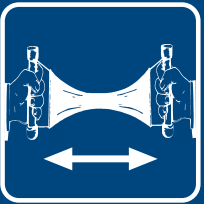
Mixing



Application



Uses



Substrates

Porous surfaces
 Ceramic tiles
 Brick, Block
 Concrete
 Baths, Basins
 Building boards
 Expansion control
 Joint in low rise
 Construction

Multipurpose sealant and adhesive Green Star compliant

Description

A one-component, hybrid polymer sealant and adhesive that reacts with moisture to neutrally cure and is free of water, solvent and isocyanates.

Uses

Can be used as a **sealant, gapfiller and adhesive**, and will bond to common building materials internally and externally on floors and walls, i.e., concrete, renders, screeds, brick, block, tiles, stone, gypsum, glass, painted surfaces, steel, aluminium, copper and many plastics.

Use as a **sealant** in bathrooms and kitchens. Seal vertical and horizontal expansion joints in domestic and commercial applications, tiles and stone, windows and doors, metal roofs and gutters, and sealing building facades.

Use as a **flexible adhesive** when applied 3mm thick to bond together common building materials. If in doubt about the application, a trial to determine suitability is required.

Features

Compared with polyurethane and silicones:

- Formulated to meet Green Building Standards
- Isocyanate free
- Mould and mildew resistant
- Faster setting
- UV stable
- Neutral curing system
- Shrinkage-free drying
- Easier to apply and finish
- Bond strength 2MPa, Elongation 200%
- Higher mechanical bond to substrates
- Available in a range of colours

Coverage (Approximate)

Sealant

5mm x 5mm joints - 12m/cartridge
10mm x 10mm joints - 3m/cartridge

Surface Preparation

Surfaces to be sealed and bonded must be structurally sound and free from all contaminants, i.e., dust, loose particles, oil, grease, wax, paint, and can be damp.

Sealant

Sealflex will accommodate movement up to 20% of the joint width.

Joint design

10mm wide - 10mm deep
11-20mm wide - 10mm deep

Adhesive

Apply **Sealflex** 3mm thick so that it has complete coverage to the substrates and there is sufficient thickness to accommodate the movement.

Sealflex can be used as an adhesive for **minor underwater repairs** (excluding swimming pools). A trial to determine suitability is required. The long-term durability is dependent on application.

Application

Sealant

Application Cut the nozzle at a 45° angle to the required width and squeeze out product as a continuous flow and avoid trapped air. Smooth and finish with a pointing tool, keeping the sealant continuously clean and wet with **Dribond Smoothing Agent or a 30-50% neutral detergent/water solution**. To avoid sealant seeping over the joint, applying masking tape along the edge of the joint is recommended. Remove immediately after smoothing the surface of the sealant. Wipe away smoothing agent/detergent after the sealant has set if staining is a consideration.

Adhesive/Gapfiller

Small areas bond with single drops and pressed together to uniformly spread the adhesive. Larger surfaces bond with 3mm thick beads at 10-15cm apart and press together to spread the adhesive uniformly. Adjustments can be made up to 20 minutes at 22°C and clamping may be necessary for the first 24 hours at 22°C. Do not apply **Sealflex** thicker than 3mm.

Precautions

- Do not use on bituminous surfaces
- Can be overpainted with water based, flexible paint after the sealant has cured 3 hours and no later than 7 days. Test for compatibility of other coatings before proceeding
- Application range 5°C-35°C
- Check website for latest information.

Clean Up

Remove uncured sealant with methylated spirits or mineral turps. Hardened sealant remove mechanically.

Shelf Life

18 months in a cool, dry place.

Safety Precautions

- **Eye contact** Flush with water for 15mins and seek medical advice
- **Skin contact** Wash immediately with soapy water
- **Ingestion** For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting
- Apply in a well ventilated area
- Avoid breathing vapours
- Non-hazardous, but gloves and eye protection is recommended when applying. Refer to SDS for safety information