



CAULK IN COLOURS

Description

Caulk in Colours sealant is a flexible, water based acrylic latex joint sealant for use in sealing expansion and other joints in residential construction work and tiling.

Benefits

- Suitable for internal and external use
- Highly elastic +/- 20% movement capability
- Water based, easy to use and clean up
- Available in a variety of decorator and building material colours
- Does not slump or sag in joints up to 15mm wide
- Strong adhesion to many common building substrates
- Resistant to mould growth
- Water and UV resistant
- Paintable (if required)
- Mould resistant
- Caulk in Colours meets the requirements of LEED Certification: Indoor Environmental Quality - Credit 4.1 (Low-Emitting Materials: Adhesives and Sealants). See MSDS for VOC value.

Uses

- General purpose sealing applications, including bathrooms and kitchens (not for immersion)
- Filling gaps between baths, basins, shower hobs and tiles.
- Expansion joints in brickwork and tiled walls up to 15mm wide.
- Sealing around architraves, window and door frames.
- Patching up tile grouting

Compatible Substrates

Concrete	Polyurethane foam
Cement sheeting	Plywood
Metal	Particleboard
Plasterboard	Cement render
Timber	Expanded polystyrene
Masonry/Brickwork	MDF

Performance Summary

Storage life	24 months unopened
Skimming time	ca. 10 minutes
Full cure	3-7 days depending on conditions and thickness
Service temperature	-5°C to 80°C
Specific Gravity	ca. 1.6
Movement capability	+/- 20%

Coverage

450g cartridge will give approximately 15 lineal meters of a 5mm bead.

General Application

Cut tip off plastic nipple. Screw on nozzle and load into cartridge gun. Cut nozzle to desired size. With gentle trigger pressure, dispense sealant into joint. Use a spatula to tool off to desired finish. Allow to dry before coming into contact with water

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Surface Preparation

All surfaces must be clean, dry, sound and free of dust, oil, old sealant or other contamination.

Lightly contaminated surfaces should be wiped with Isopropyl Alcohol (IPA) using the 2-rag wipe method. Apply IPA to a clean lint-free cloth and wipe onto the surface to be cleaned to solubilise and remove the majority of the contaminant. A clean dry cloth should then be applied to remove remaining contamination and dry the surface. Ensure wet cleaner is not allowed to dry on surface. For more heavily contaminated surfaces or where the IPA does not remove the contaminant, a generic wax and grease remover should be applied using the same 2-rag wipe method. Once this has been completed the surface should be given a final clean with IPA using the 2-rag wipe method to ensure the surface is adequately prepared. Adhesion to metals and some surface finishes can be further improved by light abrasion prior to cleaning with IPA using the 2 rag-wipe method. For glazing applications IPA should be used to clean and prepare the surface. Manufacturers of plastics should be consulted about suitable cleaning solvents. Adhesion to plastics should be pre-tested. Mask either side of joint to produce a neat finish. Use a suitable sized foam backing rod or polyethylene bond breaker tape to prevent three sided joint contact impeding the free and even deformation of the sealant in a cyclic joint.

Expansion Joints

When used in expansion joints ensure the joint is at least 6mm in depth and no more than 15mm in width. For joints between 6mm and 12mm width maintain the joint depth at

6mm, while for wider joints the ratio of width to depth should be 2:1. Avoid 3-sided adhesion by ensuring the base of the joint is not directly in contact with the sealant by using tape, foam or backing rod in the joint base.

Cure Time

Caulk in Colours acrylic sealant will cure in three to seven days depending on joint dimensions, temperature and substrate porosity. The lower the temperature or higher the humidity will result in longer curing times.

Moisture Sensitivity

Caulk in Colours is a waterbased acrylic sealant. As such, it is considered to be moisture sensitive until the sealant is fully cured. For this reason Caulk in Colours should not be applied in applications where moisture may come into contact with the sealant prior to it being fully cured EG in exposed external applications when rainfall is expected and can directly impact the sealant prior to the sealant being fully cured. Even once fully cured, a degree of moisture sensitivity remains, and for this reason Caulk in Colours is not recommended for applications that may experience water immersion or pooling EG inside shower bases and exposed paving adjacent to a pool.

It must also be noted that the cure time and therefore the time Caulk in Colours remains moisture sensitive will be extended in both cool and high humidity atmospheric conditions and these factors must be taken into account prior to using the product.

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Limitations

- Not suitable for applications involving 2 non-porous substrates
- Not suitable for constant water immersion or where water may pool on surface EG shower bases, paving joints.
- Not suitable for foot or vehicle traffic areas
- Cannot be stained
- Mould resistance will deteriorate over time, ensure surfaces are cleaned often to prevent build up of contaminants that may support mould growth

Clean Up

Clean up uncured sealant with a wet rag and water. Cured material can be removed by trimming with a knife or scraper.

Safety Information

This product is not considered hazardous under the classification of GHS WHS Version 3. Further safety information is available on the product SDS. Avoid contact with skin and eyes. Store in a dry place below 30°C. Keep out of reach of children. An MSDS is available from the H.B. Fuller representative in your state, HB Fuller Australia customer service, or downloadable from the HB Fuller web site, www.hbfuller.com.au

Disclaimer

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