



A80 ACRYLIC

PROFESSIONAL GRADE DECORATORS CAULK

Date: 28 June 2022

Fact Sheet No.: TDS02200

YOUR SMART ADVANTAGES

- Professional grade instantly Paintable Decorators Caulk
- Used for gap filling
- Suitable for Interior use.

USES

BOSTIK A80 ACRYLIC is a professional grade instantly paintable decorator's caulk. Developed for caulking connection joints between stairs, walls, ceilings, skirting's, windowsills, concrete and brick work that require painting as quickly as possible.

BOSTIK A80 ACRYLIC has good adhesion to a wide range of common construction materials. It can be used to fill, screw and nail holes in walls and ceilings made from wood, plaster, gypsum and concrete etc.

With advanced formulation BOSTIK A80 ACRYLIC minimises discolouration of water based and synthetic paint finishes. There is minimal risk of crazing and cracking of the paint due to minimal shrinkage during cure.

BOSTIK A80 ACRYLIC only requires water for tooling and cleaning and is sustainable, low VOC and phthalate free.

PRODUCT CHARACTERISTICS

Colour	White
Form	Soft gunnable paste
Odour	Slight
Composition	Acrylic dispersion

Product Code	30623011 White 310ml x 12
Supplied in PCR Cartridges.	
Storage/Shelf Life	Up to 12 months.*

TYPICAL IN HOUSE PERFORMANCE DATA (Approx.)

100% modulus	0.5 N/mm ²
Application rate	100 g/min
Application Temperature	+5°C to +40°C
Curing time	1 mm/24 hours
Shore A hardness	30
Density	1,3 g/ml
Elongation at break	>125%
Flow	1 mm
Skin formation	2 mins @ +23°C/50% RH Always tool sealant within the given skin formation time frame
Service Temperature	-20°C to +75°C
Tensile strength	>0.5 N/mm ²

DIRECTIONS FOR USE

IMPORTANT: Before using BOSTIK A80 ACRYLIC refer to the relevant Health & Safety Data Sheet, available at www.bostik.com/uk

STORAGE CONDITIONS

*Store for up to 12 months from Production date when stored in original, unopened packaging under cool, dry conditions within the temperature range +5°C to +25°C and out of direct sunlight. Protect from frost.

PREPARATION

1. Work in warm (+5°C to +40°C) well-ventilated conditions.
2. Ensure you have all necessary materials required.
3. Joint surfaces must be clean, sound and free from dust, loose material and other contaminants that may impair adhesion. Absorbent substrates do not need to be absolutely dry.
4. Very porous substrates like gypsum, aerated concrete, limestone, etc., need to be primed with a mixture of 1 part BOSTIK A80 and 2 parts water. Always test adhesion prior to application.
5. If desired, place masking tape along the joint edges before application. This can make it easier to make a neat, tooled finish and not contaminate nearby surfaces. Use a spatula with a round end to tool the caulk and check that it fits into the gap between the masking tape so that it catches the excess caulk.
6. Do a test run without applying any caulk to 'get a feel' for the difficult areas to seal such as corners and raised joints.

APPLICATION

1. Unscrew the nozzle, and using a sharp knife, carefully cut off the dome of the cartridge, taking care not to damage or shorten the thread. Screw the nozzle onto the cartridge.
2. Cut off the tapered end of the nozzle at a 45° angle, to a width matching the gap to be sealed.
3. Fit the cartridge into the cartridge gun by pressing the release plate and pulling out the plunger. Insert cartridge and repeatedly squeeze the trigger until the caulk appears.
4. Place the nozzle at the start of the gap, and gently squeeze the trigger. Push forward slowly, ensuring that contact is made by the caulk with both sides of the gap. At the end of the run, release the trigger and press the plunger release plate of the gun to stop the flow of material.
5. A joint with the correct dimensions is essential to absorb movements between building materials. The joint depth should always be in the correct relationship of the joint width. Backer rod can be used to facilitate this.
6. A general rule is the ratio of joint depth to the width of the joint with a joint width up to 10mm is 1:1, with a minimum of 5 mm in width and depth.
7. For joints wider than 10 mm, the depth is the width divided by 3 plus 6 mm.
8. Within the working time of the product smooth the caulk with a wet, round ended tool (do not use a wetted finger), remove any excess with a wet cloth and then remove the masking tape (if used) from either side of the bead.
9. After use, ensure to wipe away any excess caulk from the nozzle. Replace the cap if appropriate.
10. The caulk skins over rapidly (approx. 2 minutes) and cures through approx. 1 mm/ 24 hours depending on bead width, temperature and humidity.

CLEANING

Uncured Caulk:

Excess uncured caulk should be removed mechanically using a soft scraper. The remainder can be removed using a cloth just moistened with water. Repeat using another clean cloth moistened with water.

Cured Caulk:

Carefully cut away excess with a very sharp knife. Do not use solvent to remove product from skin – use soap and water on tools and hands

PAINTABILITY

BOSTIK A80 ACRYLIC is paintable with water based and synthetic paints in small dimension joints. At wider joints cracking in paint can occur. We recommended testing compatibility with paint prior to application

UCA-TECHNOLOGY

The compatibility of caulks with paint is ensured by our unique and proven UCA-Technology. UCA stands for Unique Compatibility Additives. Bostik caulks with the UCA-logo offer the best possible compatibility between caulks and paint due to selected raw materials, specialized additives and dedicated R&D and testing facilities

PRECAUTIONS IN USE

Do not use under constant exposure to water.

Prevent entry of uncured caulk into drains or watercourses. Do not use on or against bitumen, soft plastic or rubbers. Not suitable for bedding double glazed/insulating glass units into frames.

Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates

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For any application not covered please contact Technical Services on +44 (0)1785 272625 or visit www.bostik.com/uk for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instructions, first aid measures and spillage and disposal instructions see separate Health and Safety Data Sheet for BOSTIK A80 ACRYLIC, available at www.bostik.com/uk

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BOSTIK HOTLINE

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