

ASA FLEXIBLE COLOURED SILICONE

SPECIALIST TILING SILICONE GROUT

24 June 2017

YOUR SMART ADVANTAGES

- Sanitary grade
- Mould resistant
- Permanently flexible
- Thixotropic
- Suitable for expansion joints
- Complements ASA's tiling grouts

USES

- Bathrooms
- Fiberglass Spa Units
- Showers/shower screens
- Laundries
- Edges of kitchen bench tops
- Edges of splash backs
- Cool rooms
- Anywhere expansion joints are required in a tiling installation

PRODUCT CHARACTERISTICS

Colour	Various
Application temperature	-10°C to 40°C
Skin Time	8 - 10 minutes
Tack free time	30 minutes
Coverage	15 lineal meters for a 5mm bead
Product codes 300 ml cartridges/15 per carton	
Beige	30804529
Charcoal	30804530
Clear	30804110
Ivory	30804532
Mid Grey	30804553
Pewter	30804534
Silver Ash	30804547
Sandstone	30804552
Titanium	30804557
White	30804539

MECHANICAL PROPERTIES

	Transparent	Coloured
Shore A Hardness)	Approx. 20	Approx. 28

Modulus at 100% elongation	Approx. 0.36 N.mm ⁻²	Approx. 0.42 N.mm ⁻² (DIN52455)
Tensile strength	Approx. 0.4 N.mm ⁻²	Approx. 0.42 N.mm ⁻² (DIN52455)
Elongation A Rupture	Approx. 150%	Approx. 170%
Recover (DIN EN 27389)	>90%	>90%
Peel Strength after UV through Glass	50N/25mm	50N/25mm
Dynamic Movement Capacity	±25%	±25%
Max. Total Deformation	20%	20%
Service temperature*	-20 to +70°C	-20 to +70°C

DIRECTIONS FOR USE:

Silicones are not always compatible with plasticized sealants, bitumen and some backing rods. The incompatibility may cause discolouration, poor sealant cure or long term degradation of the sealant. Always carry out compatibility tests where contact with potentially incompatible materials may occur.

SURFACE PREPARATION

Joint design must conform to manufacturer's recommendations and NZBC requirements. Compatible backing rods or release tape must be used to ensure two sided adhesion only in joints and limit joint depth. Recommended joint width to depth ratios:

Joint Width - mm	Joint Depth - mm
≤12	6
13 ≤ and ≤ 30mm	Width/2
>30mm	15mm

Always ensure that the surfaces to be sealed are dry and free from oil, dirt and grease. Use the two wipe cleaning process for impervious substrates. Ensure the cloths are clean and changed frequently. Use a suitable cleaner such as isopropyl alcohol. Masking areas to be sealed gives a neater finish.

APPLICATION

A primer may be required for some substrates, consult your supplier for more information. Cut the nozzle to the desired width, cut the tip off the cartridge and attach nozzle. Apply

ASA Flexible Coloured Silicone

an even bead ensuring good contact between the sealant and the substrate. Immediately tool the bead to ensure a good finish and remove masking tape. This must be done before the product skins.

LIMITATIONS

- ASA FLEXIBLE COLOURED SEALANT is not suitable in the following applications: -
- Do not apply the product in extreme temperatures of below 5°C and above 30°C.
- As the sealant requires atmospheric humidity to cure, it will not cure in totally confined spaces where it does not have access to atmospheric humidity.
- Aquariums
- Adhering mirrors
- Structural glazing
- Under water applications (including swimming pools – subject to substrate).
- Below grade applications
- All stone's (we recommend the completion of a stain testing program before using any sealant on stone).
- Horizontal walkways
- This sealant is not paintable
- Do not clean or treat the sealant with materials, cleaning agents or solvents that may affect or discolour the sealant, particularly during product curing.

CLEANING

Remove excess silicone using a clean cloth or polyethylene scraper. Do not use Isopropyl Alcohol to clean around uncured sealant. Cured silicone can only be mechanically removed. Use Bosik Handy Wipes to remove from skin.

STORAGE AND SHELF LIFE

Unopened cartridges can be stored for up to 12 months in a cool dry and weatherproof environment.

DISPOSAL

Empty containers may be disposed via local landfill. If spilt, absorb with clay, sand or earth. Collect and seal in properly labeled metal container. Dispose of according to local authority regulations. Do not dispose of down drains or into local waterways.

PRECAUTIONS IN USE

Complete details on each of the products mentioned are available on the product Safety Data Sheets. To ensure no harm is caused to persons using Bostik products, it is recommended that all concerned read the appropriate Safety Data Sheets. Visit www.bostik.co.nz for copies. Coolroom Sealant CR6S is not classified as Dangerous Goods or as a Hazardous Substance. The product however, should be used in accordance with good occupational, health and safety practices.

May cause irritation if swallowed, moderately irritating to eyes, vapour may cause irritation during the cure stage (if vapour in high concentrations). It releases methyl ethyl ketoxime until fully cured.

Do not swallow and avoid prolonged or repeated contact with the skin.

If contact with the eyes occurs, wash eyes with copious quantities of water and consult a doctor if irritation persists.

For emergency information contact the National Poisons Information Centre, phone 0800 764 766 (0800 POISON) or CHEMCALL, phone 0800 243 622.

BOSTIK HOTLINE

Smart help 0508 222 777



This datasheet is for the general help of users. It is provided in good faith. The data is current and accurate to the best of our knowledge. Differing materials, substrates, environments, site conditions, and product storage, handling and application may affect results. Users should carry out tests to decide the product's suitability for purpose. This data sheet and the properties of the product may change without notice. Users, suppliers and retailers should check that the data sheets they have are the latest. To the maximum extent permitted by law, Bostik disclaims all warranties in relation to manufacture and use of the product. Bostik is not liable for representations made by users, suppliers or retailers about the product. Bostik is not liable for any loss or damage resulting from incorrect, careless, or negligent use or storage of the product, including use of out of date product. Any liability arising from use of the product is limited to the replacement or purchase price of the product. Bostik does not exclude rights and remedies that be excluded by legislation, for example under the Consumer Guarantees Act 1993. Sale of the product by Bostik is subject to the Bostik New Zealand Limited Conditions and Terms of Sale. For more information on Bostik, products, and conditions of use and sale visit www.bostik.co.nz.

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