



COOLROOM SEALANT CR6S

NEUTRAL CURE INDUSTRIAL SILICONE SEALANT

Date: 3 December 2014

YOUR SMART ADVANTAGES

- NZ Food Safety approved C82 (all animal product except dairy)
- Neutral Cure
- Resistant to mould and fungi
- Low VOC
- Ideal for wet areas
- Permanently flexible
- Low odour
- Ideal for expansion joints
- Excellent adhesion to a variety of substrates

USES

- Sealing expansion joints in cool stores and refrigerated rooms
- Sealing in food processing areas

PRODUCT CHARACTERISTICS

Colour	Titania
Skin Time	8 to 10 minutes
Tack Free Time	30 minutes
Tooling Time	8 to 10 minutes
Coverage	15 lineal meters for a 5mm bead
Sag or slump	Nil
Product code - 400g cartridge/20 per carton	
Titania	30804540

TYPICAL PERFORMANCE DATA (approx.)

Shore "A" hardness	20
Modulus at 100% elongation	0.4MPa
Tensile strength	1.1mPa
Elongation at rupture	650%
Dynamic movement capacity	±25%

Accelerated ageing and weathering	Excellent
Application temperature*	5°C to 35°C
Service temperature*	-50 to 150°C

*Surface to be sealed must be dry and free from frost. The maximum service temperature listed is for transient temperatures. The silicone sealant will deteriorate if subjected to high temperatures on a continuous basis.

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 an even bead ensuring good contact between the sealant and the substrate.

Bostik Coolroom Sealant CR6S

Immediately tool the bead to ensure a good finish and remove masking tape. This must be done before the product skins.

LIMITATIONS

Coolroom Sealant CR6S is NOT suitable for the following applications:

- Totally confined spaces where there is no atmospheric humidity, which is needed for curing
- Aquariums
- Structural glazing
- Underwater applications (including swimming pools)
- Below grade applications
- All stone finishes
- Trafficable floors
- Where painting is required. If painting is required, the use of paintable Seal N Flex 1 is recommended.
- Do not clean or treat the silicone with materials, cleaning agents or solvent that may affect or discolour the silicone, particularly while 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

STORAGE AND SHELF LIFE

Store in a cool dry place below 25°C and out of direct sunlight. Shelf life is 18 months from the date of manufacture when stored as directed.

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.

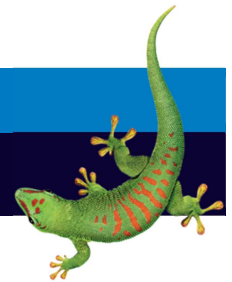
Do not swallow and avoid prolonged or repeated contact with the skin.

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 cannot 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