TECHNICAL DATASHEET
Building Trades Silicone

Description & Uses

A premium, neutral cure silicone sealant, exclusively created for weather sealing and glazing applications. Suitable for adhesion to a wide range of porous and non-porous substrates, Building Trades Silicone forms a flexible UV, water and weatherproof seal.

The fast curing, high viscosity, long lasting formula is not affected by exposure to sunlight, rain, snow with exceptional resistance to temperature extremes. Low odour and non- corrosive, providing permanent elasticity. Mould resistant.

Ideal for:
- Perimeter sealing of wood, aluminium and PVCu door and window frames.
- Weather sealing and joint sealing for walls, windows and doors.
- For building and constructions joints, including joints between different materials, and expansion joints.
- Sealing applications of marble, stone and other porous substrates.

Available in: White, Brown, Black, Grey, Clear, Caramel and Anthracite (in 310ml cartridges).

Directions
- Ensure all surfaces are clean, sound, dry and free from dust, grease or other contaminants. Old silicone should be removed using a silicone remover. Adheres perfectly without the use of a primer to most non porous substrates. Porous substrates should be treated with a primer. Always test adhesion prior to use.
- Fill any gaps or voids with Alpha Chem Expanding Foam or AlphaChem Joint Backer Rod.
- Cut thread and then the nozzle to the required size.
- Apply sealant with a sealant gun and tool down using a spatula wetted with soapy water within 5 minutes of application in order to obtain a professional finish.
- Excess uncured sealant should be cleaned with solvent. Cured sealant can be removed mechanically.
- It is the user's responsibility to dispose of all packaging correctly.

Joint Dimensions

The joint depth should always be in the correct relationship of the joint width. A general rule is the ratio of joint depth to the width of the joint with a joint width up to 10 mm is 1:1, with a minimum of 5 mm in width and depth. For joints wider than 10 mm, the depth is the width divided by 3 plus 6 mm.

Storage

Store in cool, dry conditions between +5°C and +25°C.

Shelf Life

24 months from date of manufacture if stored in original, unopened packaging.

Limitations

- It must not be used in totally confined spaces where sealant cannot cure due to lack of atmospheric moisture.
- Not over paintable.
- Do not use in conjunction with PE,PP, PC, PMMA, PTFE, soft plastics, bitumen asphalt, neoprene and certain organic elastomers.
- It is not suitable for food contact applications.
- Not suitable for swimming pool joints.
- Discolouration can occur in dark places and by contact with chemicals.
- It is the user's responsibility to ensure suitability for use. Safety Data Sheet available on request.

Technical Data

Density	0.96 g/ml (ISO 1183-1)
Hardness Shore A	17 DIN 53505
Tensile Strength	0,8 N/mm² (DIN 53504 S2)
Skin Formation	7-8 min. (23°C and 50% R.H) DBTM 16
Curing Time	2mm/24 hours (23°C and 50% R.H)
Elongation at Break	500% DIN 53504 S2
100% Modulus	0,25 N/mm² DIN 53504 S2
Flow	<2mm ISO 7390
Temperature Resistance	-40°C to +120°C
Application Temperature	+5°C to +40°C
Joint Movement	12,5%

Further Information:

In the event of further queries or problems concerning the use of this product, please contact the address below, e-mail info@cromar.uk.com.

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