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3C Sealants®



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Product Technical Data Sheet

Product Name: *3C Sealants Weatherseal Premium Silicone*



DESCRIPTION:

3C WEATHERSEAL is a premium grade, neutral curing alcoxy sealant for superior weathersealing. With an exceptionally high movement capability of $\pm 50\%$ it's the ideal solution to use as a weatherproof seal.

RECOMMENDED FOR:

- Perimeter sealing of glazing joints
- Glass to glass applications
- General weathersealing
- Joints around window frames
- Connection joints
- Suitable for expansion joints
- Curtain wall joints

BENEFITS:

- High movement capability $\pm 50\%$
- Superb weathersealing properties
- Resistant to low and high temperatures
- High resistance to UV, ageing and weathering
- Good adhesion to most construction materials
- Low odour
- Very easy to apply
- Permanently elastic
- Internal and external use
- Excellent tooling characteristics
- Compatible with most edge seals and PVB films of laminated glass. Testing is advised prior to full application

PRODUCT INFORMATION

Packaging	300ml cartridge
Shelf Life	12 months
Colour	Black
Storage	Store unopened cartridge in cool dry conditions
Application Temperature	+5°C to +40°C
Temperature Resistance	-40°C to +150°C
Shore A Hardness	~19
Skin Formation Time (23°C)	24 minutes
Curing Rate (23°C)	2.5mm per 24 hours
Joint Movement Capability	50%

SPECIFICATION COMPLIANCES:

- EN 15651-1: F EXT-INT 25 LM
- EN 15651-2: G 25 LM

LIMITATIONS:

- Not suitable for underwater joints
- No adhesion to PE, PP, PTFE (Teflon®) and bitumen
- Not suitable on polyacrylate and polycarbonate
- Non paintable
- Not suitable for natural stone
- Not for sanitary applications (not mould resistant)
- Must not be used for structural glazing bonding

HEALTH & SAFETY:

Contains 3-(2-aminoethylamino)propyltrimethoxysilane, trimethoxyvinylsilane. May produce an allergic reaction. Safety data sheet available on request.

This technical data sheet replaces all previous editions. The data on this sheet have been compiled according to the last laboratory report. Technical characteristics can be changed or adapted. We are not responsible for any incomplete information. Before use, one needs to ensure that the product is suitable for their application. Therefore, tests are necessary. Our general conditions apply.