



www.3c-sealants.co.uk

3C Sealants®



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Product Technical Data Sheet

Product Name: **3C Sealants Hygienic Food Safe Silicone**



DESCRIPTION:

A high-performance, neutral-curing alcoxy sealant designed for use in areas where hygiene and safety are key. Its food safe compliant and very low odour making it ideal for commercial kitchens, food preparation areas, cold and clean rooms, hospitals, and sanitary facilities.

BENEFITS:

- Food safe (meets FDA code 21 §177.2600 (e))
- Low odour - for enclosed areas whilst curing
- Anti-mould formulation
- High resistance to UV
- Permanently elastic
- High resistance to high & low temperatures
- Very easy to apply and tool
- Excellent adhesion to most building substrates

RECOMMENDED FOR:

- Cold storage cells and clean rooms
- Kitchens & food prep areas
- Hospitals, laboratories, and medical facilities
- Areas of high humidity
- Glazing joints
- Seals in sanitary areas, bathrooms & kitchens

PRODUCT INFORMATION

Packaging	300ml cartridge
Shelf Life	12 months
Colour	Snow White
Storage	Store unopened cartridge in cool dry conditions at +5°C to +25°C
Application Temperature	+5°C - +40°C
Temperature Resistance	-50°C - +150°C
Shore A Hardness	~14
Skin Formation Time (23°C)	15 minutes
Curing Rate (23°C)	Store unopened cartridge in cool dry conditions
Elongation at break	220%

TESTS & APPROVALS:

- UKCA & CE according to EN 15651-1: F EXT-INT 25 LM
- UKCA & CE according to EN 15651-2: G 25 LM
- UKCA & CE according to EN 15651-3: S XS1
- GEV Ecode EC1plus label: very low VOC emissions
- French VOC emission class A+
- Complies with FDA code 21 §177.2600 (e)

LIMITATIONS:

- Not suitable for mirrors
- For use on bituminous surfaces
- Use on PE, PP, PA, PTFE (Teflon)
- On polycarbonate and polycarbonate
- Natural stone (can cause migratory staining)
- Can yellow due to absence of UV
- May yellow with long exposure to smoke/detergents
- Cannot be painted
- For edge sealing or IG, avoid direct contact
- Contact with PVB films of laminated glass

HEALTH & SAFETY:

Harmful to aquatic life with long lasting effects. Avoid release to the environment. Dispose of contents/container to a hazardous or special waste collection point. Contains trimethoxyvinylsilane, Fungicide 2-octyl-2H- isothiazol-3-one, 3-(2-aminoethylamino) propyltrimethoxysilane, 3-aminopropyltriethoxysilane. May produce an allergic reaction.

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.