



www.3c-sealants.co.uk

3C Sealants®



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Product Technical Data Sheet

Product Name: **3C Sealants Multi-Use Crystal Clear**



DESCRIPTION:

A Universal MS Hybrid Polymer SEALANT & ADHESIVE that bonds to almost all materials used in the construction industry, such as aluminium, galvanized and stainless steel, zinc, copper, natural stone, treated wood, glass, brickwork, concrete and many more.

PREPARATION:

The surface to be joined must be clean and free from dust and grease. It can be applied on surfaces that are slightly damp. It is recommended that surfaces being bonded are supported till fully cured. For strongly absorbent substrates it is recommended to use a primer. It is advisable to do bonding tests before full application. It is the user's responsibility to check whether the product is suitable for the application.

BENEFITS:

- Crystal clear transparency
- Can be used as a sealant or adhesive
- Extremely strong and permanently elastic
- Does not cause corrosion in metal joints
- Can be used on natural stone
- Paintable with most water and solvent based paints
- Solvent and isocyanate free
- Bond to surfaces without priming
- Can be used on horizontal & vertical joints
- Interior & exterior applications
- Bonds to slightly damp surfaces

PRODUCT INFORMATION

Packaging	290ml cartridge
Shelf Life	12 months
Colour	Crystal Clear
Storage	Store in cool dry conditions between +5°C to +25°C.
Application Temperature	+5°C to +40°C
Temperature Resistance	-40°C to +90°C
Shore A Hardness	~10
Skin Formation Time (23°C)	15 minutes
Curing Rate (23°C)	2,5 - 3mm after 24hr
Joint Movement Capability	12.5%

LIMITATIONS:

- Use on joints constantly submersed under water
- Use in rooms with permanent high relative humidity
- Minimum joint width or depth is <5mm
- Gluing PE, PP, PA and Teflon®
- On bituminous surfaces
- On polycarbonate or polyacrylate
- A colour change might occur after some time
- Do not use as a glazing sealant

HEALTH & SAFETY:

EUH208 - Contains reaction mass of α -3-(3-(2Hbenzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- ω -hydroxypoly(oxyethylene) and α -3-(3-(2Hbenzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl- ω -3-(3-(2Hbenzotriazol-2-yl)-5-tertbutyl-4-hydroxyphenyl)propionyloxypoly(oxyethylene), 3-(2-aminoethylamino)propyltrimethoxysilane, 3-aminopropyltriethoxysilane, Reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate. May produce an allergic reaction. EUH210 - 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.