



www.3c-sealants.co.uk

3C Sealants®



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Product Technical Data Sheet

Product Name: 3C Sealants Polymer Sealant



DESCRIPTION:

A professional trade grade low modulus hybrid construction sealant which exhibits fantastic elasticity coupled with excellent adhesion to a range of materials making it ideal for sealing opposing construction substrates. A new breed of technology that perfectly replaces old-fashioned polysulphide sealants.

BENEFITS:

- Excellent resistance to weathering, ageing and UV
- Easily tooled to a high standard finish
- Suitable for both internal & external use
- Great elastic movement for sealing movement joints
- Will not shrink or crack after time
- Paint over (takes nearly all water-based paints & stains when cured) It can also be painted with oil based paints, but full cure is recommended prior to application.
- Long shelf life (2 years)
- Fantastic all-round, long life performance

RECOMMENDED FOR:

- Sealing between different substrates (eg. metal frame into a brickwork surround)
- For sealing all inside & outside construction connections where high movement occurs
- Adheres perfectly to all woods, metals, plastics (such as uPVC), brickwork, plaster, composites & more
- Seals that subsequently require painting over (either; after cured application or in the future)
- Applications where old-fashioned Polysulphide has been specified
- Weather sealing of new frames and cladding (as well as remedial or repair works)

PRODUCT INFORMATION

Packaging	380ml cartridge
Shelf Life	24 months
Colour	Black, Grey and White
Storage	Store unopened cartridge in cool dry conditions
Application Temperature	+5°C to +40°C
Temperature Resistance	-40°C to +80°C
Shore A Hardness	33 ±5
Skin Formation Time (23°C)	55 min
Curing Rate (23°C)	3mm / 24hours
Joint Movement Capability	± 25%

LIMITATIONS:

Not suitable for use on bitumen or asphalt

- Not suitable for use with aquaria or underwater joints
- Not suitable for bedding or IG units
- Should not be used for structural glazing applications
- Do not use on PP, PE, PTFE, low surface energy materials
- Cannot be used on natural stone

HEALTH & SAFETY:

Safety data sheet is available to download online or on request from the sales office: 020 8524 1931

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.