



www.3c-sealants.co.uk

3C Sealants®



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Product Technical Data Sheet

Product Name: **3C Sealants Intumescent Acoustic**



DESCRIPTION:

A one part, emulsion acrylic based, intumescent sealant that gives a firm yet flexible seal to joints in a variety of fire rated structures. Tested in accordance with EN 1366-4 and EN 1366-3 this product, when subjected to temperatures of 125°C, will form a char that resists the passage of fire and smoke. The selected fillers used in this formulation also make it suitable for use as an acoustic sealant, with an average noise reduction of 55db.

RECOMMENDED FOR:

Sealing joints, voids and irregular holes in fire walls, partitions and other structures; also for maintaining the integrity of pipes and cables that penetrate them. For internal perimeter pointing of fire rated door and window frames.

BENEFITS:

- Tested to EN 1366-4 & EN 1366-3
- Chars to stop the passage of fire and smoke
- Resist the passage of fire for up to 4 hours
- No priming required for most construction substrates
- For use in joints up to 35mm wide
- Halogen free
- Non slump - easy to apply and tool off
- Fast skinning - tack free in 15 minutes
- Over paintable
- Excellent acoustic properties for sound deadening

PRODUCT INFORMATION

Packaging	380ml cartridge
Shelf Life	24 months
Colour	Grey & White
Storage	Store in cool, dry conditions between +5°C & +25°C. Protect from frost.
Application Temperature	+5°C to +40°C
Max Joint Width	35mm
Shore A Hardness	35-45
Skin Formation Time (23°C)	15 minutes
Specific Gravity	1.60 - 1.68
Joint Movement Capability	12.5%

SPECIFICATION COMPLIANCES:

- EN 1366-4
- EN 1366-3
- BS476 Part 20
- BS EN ISO 140-3
- DW 144: Class D
- ISO 11600: 12.5%
- VOC test report classification – M1 and Indoor Air Comfort GOLD®

LIMITATIONS:

- Substrates that bleed oils, solvents or plasticisers
- Where joints are constantly immersed in water
- As part of glazing systems
- Do not use where joint movement may exceed 15%
- Not for use on bitumen or asphalt
- Compatability problems with some cPVC piping
- Not for external use

HEALTH & SAFETY:

Contains 1,2-benzisothiazol-3(2H)-one.
May produce an allergic reaction.
Keep out of reach of children.
Avoid contact with skin and eyes.
Wash hands after use.
Safety data sheet available upon 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.