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3C Sealants®



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Product Technical Data Sheet

Product Name: **3C Sealants Firestop Silicone**



DESCRIPTION:

3C SEALANTS FIRESTOP SILICONE is a neutral curing, elastic silicone sealant which has a fire rating of up to 4 hours if used in the correct joint arrangement (when tested to EN 1366-4).

RECOMMENDED FOR:

All construction joints that have a requirement for a fire rating, for expansion joints to obtain a fire rating. Sealing joints, gaps and holes in fire walls, partitioning etc.

BENEFITS:

- Fire rated for up to 4 hours
- Neutral cure - adheres to most building surfaces
- Permanently flexible (25% movement)
- Excellent weathering characteristics
- Suitable for internal and external use
- Can be used in joints up to 25mm wide, 12mm deep
- No priming required for most construction substrates
- Non slump - easy to apply and tool off
- Forms an acoustic seal

PRODUCT INFORMATION

Packaging	380ml cartridge
Shelf Life	9 months
Colour	White
Storage	Store in cool, dry conditions between +5°C and +25°C.
Application Temperature	+5°C to +40°C
Temperature Resistance	-30°C to +150°C
Shore A Hardness	20-28
Skin Formation Time (23°C)	10 minutes
Curing Rate (23°C)	2-3mm per 24 hours
Joint Movement Capability	25%

SPECIFICATION COMPLIANCES:

- ISO 11600-F&G-25LM
- EN 1366 part 4
- EN15651-1: 2012
- EN 15651-2: 2012

LIMITATIONS:

- Do not use on surfaces that bleed oils or plasticisers
- Cannot come into contact with bitumen or asphalt
- Cannot be sanded or overpainted
- Do not use for applications with food products
- On sensitive stone where staining may occur
- Manufacture of aquariums or swimming pools
- Not for foot or vehicle traffic joints
- Joint constantly submerged underwater

HEALTH & SAFETY:

Contains 3-(2-Aminoethylamino)propyltriethoxy silane(508 9-72-5), trimethoxyvinylsilane(2768-02-7), N,N-bis(3-(triethoxy silyl)propyl)-1,2-ethylene diamine (457065-96-2).

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.