

X-Seal FlamJoint A10

Low modulus firestop sealant

Product Description

X-Seal FlamJoint A10 is a high performance, low modulus, non-intumescent, one part acrylic sealant for use in fire stopping applications.

Advantages

- F Rating up to 2 hours
- Single component
- Easy to use
- Durable resilient seal
- Excellent adhesion
- Low modulus
- Non toxic
- Can be over painted.

Specification Compliance

ASTM E-814 (UL 1479) and ASTM E-84 (UL 723).

ASTM C836, Type OP, Grade O°C.

Complies with:

BOCA National Building Code (1996),
CABO one and two family dwelling code (1995),
Uniform Building Code (1997), Section 796, Fire
Block and Draft Stop.
BOCA-SBCCI-ICBO-NFPA Building Codes.

Movement Accommodation

BS 6093: 50%

ASTM C920: Class 25

Laboratory Test Data

Property	Typical Results
Elongation	440%
Hardness (Shore A)	80

Application Properties

Tack free time	35 mins.
Full cure	Up to 7 days

Colour

Red as standard, other colors available.

Yield

Joint size (mm)	Meters per 600ml
6 x 6	16.66
10 x 6	10.00
12 x 6	8.33
12 x 10	5.00
20 x 10	3.00
25 x 12	2.00
30 x 15	1.33
40 x 20	0.75

Packaging

600ml sausages.

Shelf life

12 months when stored unopened at 5 to 40°C under shade in a dry environment. Do not allow to freeze.

Design Considerations

The fire stopping application the product is used in must be designed in accordance with the data shown on the UL Approval for this product.

Installation Guidelines

NCC X-Calibur provides detailed method statements on all its products for use in various applications. These must be referred to prior to starting work. The information below is a summary intended for guidance only.

Cut off one end of the sausage and insert into NCC X-Calibur Barrel Gun into the open end facing upwards.



FILL, VOID OR CAVITY MATERIAL
FOR USE IN THROUGH PENETRATION FIRESTOP SYSTEMS
SEE UL FIRE RESISTANCE DIRECTORY



To ensure good adhesion, all surfaces should be clean and free of dust, oil, loose materials or any other substances.

Make sure that the product makes complete contact with the entire surface of the opening and also the surface of the penetrating items.

For a smooth seal, hold at 45° angle and apply by pushing sealant ahead of nozzle.

For large openings, mineral wool fibres can be used as a backer. To help hold the product in place until cured. Steel screen wire can be stapled in place over the material when a large opening is overhead or configured such that the material will not support its own weight during cure.

Cleaning

Clean equipment using water.

Limitations

Do not use in joints that require intumescent properties.

Allow sealant to cure before disposal.

Do not apply in rain or wet conditions, or at temperatures below 10°C.

Do not use in immersed conditions.

Do not expose to aggressive chemicals.

Health and Safety

This product is for industrial use only by trained operatives. It is potentially hazardous if not used correctly. Please refer to the Material Safety Data Sheet (MSDS) prior to the purchase and use of this product. The MSDS can be obtained via our website www.ncc.com.eg

Authorized Technical Specialist

Please note that only NCC X-Calibur Authorized Technical Specialists ('ATs') are permitted to change any of the information in this data sheet or to provide written recommendations concerning the use of this product. Visit www.ncc.com.eg for a full list of NCC X-Calibur ATs.

Datasheet Validity

NCC X-Calibur makes modifications to its product datasheets on a continuous basis. Please check the datasheet update section on www.ncc.com.eg to ensure you have the latest version.

Warranties

NCC X-Calibur supplies products that comply with the properties shown on the current datasheets. In the unlikely event that products supplied are proved not to comply with these properties, then we will replace the non-compliant product or refund the purchase price. NCC X-Calibur does not warrant or guarantee the installation of these products as it does not have control over the installation or end use of the products. Any suspected defects must be reported to NCC X-Calibur in writing within five working days of being detected. NCC X-Calibur Construction Chemistry Inc.

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