

X-Seal Intusil

Fire resistant silicon sealant

Product Description

X-Seal Intusil is a low modulus silicon sealant that can be used in high movement areas. Can be used internally and externally.

Advantages

- Fully tested to 4 hours Fire protection using both mineral wool and PE backing rods.
- Low smoke, halogen free.
- Tested to IMO and Lloyds Approved for off-shore applications.
- Resistant, when fully cured, to spillage of oil, diesel and petrol.

Properties

Maximum joint width	50mm
Depth to width ratio	1 to 1
Cure rate	1mm per day

Fire Rating

Tested at Warrington Fire Research to BS 476 Part 22. Class 1, 4 hours fire integrity and insulation.

Colour

White.

Packaging

310ml cartridges

Guides to Quantities

$\frac{\text{Gap width (mm)} \times \text{depth (mm)} \times \text{length of seal (m)}}{310}$

Example: 20mm gap width at 1:1 depth to width ratio with a total length of 1500m.

$\frac{20 \times 20 \times 1500}{310} = 1935$ cartridges

Shelf Life

36 months if stored under cover, in a dry, flat, clean and sound conditions.

Application

A neutral cure silicon sealant used to seal movement joints, providing up to 4 hours fire protection while allowing a movement accommodation factor of 50%.

Installation Guidelines

- Check gap widths correspond to specification.
- Insert a suitable backing material or foam backing rod to control the depth of sealant to 1:1 depth to width ratio for 4 hours fire integrity and insulation, 1:2 depth to width ratio for 2 hours.
- If necessary use masking tape each side of the joint.
- Cut the end of the tube and trim the nozzle to size required.
- Force X-Seal Intusil well into joint ensuring that the backing material and sides of the joint are well covered.
- Tool off to a good finish.
- Remove masking tape if used.

Limitations

Cannot be over painted

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 ('ATSs') 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 ATSs.

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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Quality Statement

All Products manufactured by NCC X-CALIBUR or imported from X-CALIBUR companies world-wide are manufactured to procedures certified to conform the quality, environment, systems described in the ISO 14001:2004 , ISO 9001:2000.

