Intusil





Ideal for sealing movement joints where a fire rating is required.

Description

Intusil is a modified low modulus silicone that is designed for use in external aggressive environments or in high movement building joints. It has high adhesion and is suitable for high sheen surfaces such as glass and aluminium.

Intusil cannot be readily over-coated.

Dimensions and Colour

Tube size: 310 ml and 600 ml foil sausage Standard colour is white. Other colours are available subject to minimum order quantities.

Fire Testing

- Tested at Exova BM Trada to BS EN 1366-4, BS EN 1366-3, BS 476/20/22
- Third party accredited by Exova Warrington Fire, certificate number CF 5340



Maximum Openings

• Linear gaps up to 50 mm x infinite length

Features

- Water resistant seal
- Unaffected by moisture
- Fully tested for up to 240 minutes integrity and insulation
- Available in easy to handle light weight tubes/foil sausages
- Cures at a rate of 1 mm per day

Applications

Firetherm Intusil may be used to seal movement joints where a fire rating is required.

Intusil can offer a period of fire resistance of up to 240 minutes with an insulation rating of up to 240 minutes.

Intusil can offer a movement capability of up to 50%.

Typical Configuration Types

- Block to block
- Block to steel
- Concrete to timber
- Block to concrete
- Plasterboard heads
- Floor movement seals
- Head of wall movement seals.
- Slab edge seals
- Service movement seals

Installation

2:1 ratio wall 240 minutes integrity; 240 minutes insulation

2:1 ratio floor 240 minutes integrity;90 minutes insulation

3 mm over 100 mm Firetherm Backer 240 minutes integrity; 240 minutes insulation; 30% movement.

10mm angled fillet to Intubatt edges or full depth plus fillet around services.

Coverage

10 mm wide seal - 3.25 m approx. 15 mm wide seal - 1.35 m approx. 20 mm wide seal - 0.78 m approx.

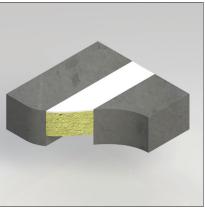
Or use formula:

Gap width mm x sealant depth mm x linear metres

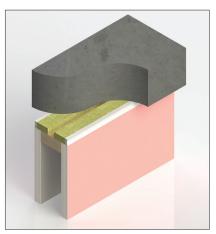
For example:

 $\frac{10 \text{ mm gap x 10 mm x 100 metre run}}{310 \text{ ml}} = 32.25 \text{ tubes}$

Typical Details



Intusil seal used in concrete floor movement joint



Firetherm

Intusil at head of dry lined wall

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This data sheet offers guidance related to fire testing results and does not offer methodology of the installation of the product. Suitability of this product and its usage to substrate type, service type and fire requirement must be confirmed before installation commences. A specific detail relevant to installation must be requested. Firetherm recommend that all fire stopping products should be installed by a third party accredited fire stopping contractor or competent person. Full application details and methodology instructions should be requested before installation of this product commences. Standard terms and conditions apply at all times.