

## 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.

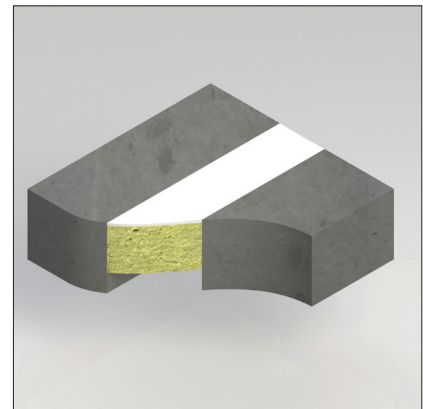
Or use formula:

$$\frac{\text{Gap width mm} \times \text{sealant depth mm} \times \text{linear metres}}{310 \text{ ml}}$$

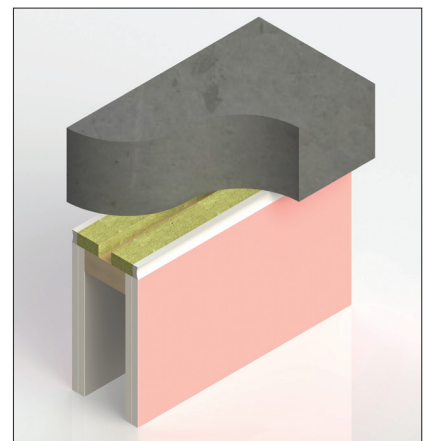
For example:

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

### Typical Details



Intusil seal used in concrete floor movement joint



Intusil at head of dry lined wall