

### KEY BENEFITS SUMMARY

- Bonds strongly to most building materials
- Compatible with most construction materials, including lead and PVC
- Durable & flexible
- Rapid curing
- Mould resistant

### PRODUCT INFORMATION

#### Description

Tremco FA120 (formerly Tremcil LMN) is a low modulus, neutral curing silicone sealant which cures rapidly to form a permanently flexible, highly elastic, durable weatherseal. It bonds well to most construction materials without the need to prime.

#### Usage / Purpose

Tremco FA120 is suitable for use in many demanding sealing applications such as:

- the perimeter sealing of PVCu window and door frames
- for use in cold stores, kitchens and bathrooms.

#### LIMITATIONS

Do not apply to surfaces in direct contact with food. Not recommended for fixing mirrors. Do not use in permanently submerged joints. Do not use for the construction of aquaria. May be stained if in direct contact with bitumen or asphalt. The user is advised to conduct tests to determine the suitability of the product for the intended application. May cause staining in contact with natural stone.

#### Colours

Translucent, white, brown, and black. Other colours - subject to availability / minimum order quantity.

#### Environmental Considerations

The use of Tremco FA120 in the correct application will give an airtight seal in conformity with the requirements laid down in Approved Document L of the Building Regulations for England and Wales.

#### Packaging

310 ml cartridges (20 per case)

#### Availability

Direct from Tremco illbruck (see back of leaflet for address and telephone details) or via local and national distributors.

### USAGE GUIDELINES

#### Joint Design Considerations

- Joint design to be in accordance with BS 6093.
- Width to depth ratio of Tremco FA120 should be 2:1, subject to a minimum depth of 6mm on non-porous substrates and minimum depth of 10 mm on porous substrates.
- Sealant width not to be less than sealant depth.
- For fillet joints, the minimum bite onto each surface should be 10 mm for porous substrates and 6 mm for non-porous substrates.

#### Surface Preparation

- Joint faces should be clean, dry and free from dust, oil, grease, old sealant and any traces of contaminant which may affect adhesion.
- Thoroughly clean with a suitable cleaning solvent using the two cloth method. This is where one cloth is dampened with the cleaning product

to lift contaminants and a second clean dry cloth is used to remove any cleaner residue. Contact Tremco illbruck Technical Services for further information if required.

#### Method of Application

- Application should be in accordance with BS 8000:16 - "Code of practice for sealing joints in buildings using sealants".
- Apply between +5°C and +40°C using conventional skeleton gun.
- All beads should be tooled after application to ensure firm, full contact with the joint faces.
- Tooling should commence without delay as Tremco FA120 is a rapid skinning product.

#### Coverage Rate

(Approximate Linear Metres per 310ml Cartridge)

| WIDTH | 6 mm | 10 mm | 20 mm | 25 mm |
|-------|------|-------|-------|-------|
| DEPTH |      |       |       |       |
| 6 mm  | 8.6  | 5.2   | -     | -     |
| 10 mm | -    | -     | 1.6   | -     |
| 12 mm | -    | -     | -     | 1.0   |

#### FILLET JOINTS TRIANGULAR CROSS SECTION

$$6 \text{ mm} \times 6 \text{ mm} = 17.0$$

$$10 \text{ mm} \times 10 \text{ mm} = 6.2$$

#### Cleaning

Immediately remove excess sealant and smears adjacent to the joint (use masking tape where appropriate). Cured sealant can only be removed by abrasion.

#### Health & Safety Precautions

Product Health and Safety Data Sheet must be read and understood before use.

#### Storage

Store in dry conditions between +5°C and +25°C.

## TECHNICAL INFORMATION

|                            | Test Method           | Result (Typical Values)                      |
|----------------------------|-----------------------|--|
| Composition                |                       | neutral cure silicone sealant with fungicide |
| Specific Gravity           |                       | 1.00   |
| Consistency                | ISO 7390, profile U20 | non-sag                                      |
| Skin Forming Time          | at 23°C, 50% RH       | 5 minutes                                    |
| Cure Rate                  | at 23°C, 50% RH       | 2.5 mm/day                                   |
| Tensile Strength           | ISO 8339              | 0.5 MPa                                      |
| Modulus at 100% Elongation | ISO 8339              | 0.28 MPa                                     |
| Service Temperature Range  |                       | -40°C to +90°C                               |

### Shelf Life

12 months when stored in its original unopened packaging.

### Technical Service

Tremco illbruck has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400.

### Guarantee / Warranty

Tremco illbruck products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco illbruck written instructions and (b) in any application recommended by Tremco illbruck, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct. Tremco illbruck Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.