

Description

FS126 is a one part, neutral curing, low modulus silicone sealant with good adhesion to most porous and nonporous substrates. FS126 is designed especially for facade joints and perimeter joints around windows or doors applications.

Colour

Black, white, grey, brown

Other colours on request — subject to availability and minimum order quantity.

Packaging

310 ml cartridge (20 per box)

600 ml sausage (20 per box)

Technical Information

| Property | Test Method | Classification |
|----------------------------|-----------------------|-----------------------------------------------------------------------|
| Composition | | Alcoxy neutral silicone |
| Specific Gravity | | 1.49 |
| Consistency | ISO 7390, profile U20 | non-sag |
| Shore A Hardness | ISO 868 | 29 |
| Skin Forming Time | at 23°C, 50% RH | 15 minutes |
| Tack Free Time | | Approximately 30 minutes |
| Cure Rate | at 23°C, 50% RH | 1 - 2 mm/day |
| Tensile Strength | ISO 8339 | 0.70Mpa |
| Modulus at 100% Elongation | ISO 8339 | 0.30Mpa |
| Elongation at Break | ISO 8339 | 350% |
| Movement Accommodation | | ± 25% |
| Elastic Recovery | ISO 7389 | >90% |
| Application Temperature | | +5°C to +40°C |
| Service Temperature Range | | -40°C to +150°C |
| Storage | | Store in dry conditions between +5°C and +25°C. |
| Shelf Life | | 12 months when stored as recommended in original unopened containers. |

Necessary Tools

- Cartridge gun and sharp knife.

Priming

- FS126 has excellent primerless adhesion to many typical construction materials. For special situations, or if in doubt, please contact tremco illbruck Technical Services Department to discuss your requirements.

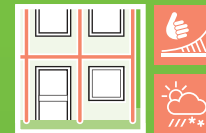
Joint Design Considerations

- Width to depth ratio of FS126 should be 2:1
- 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.



FS126

Facade Silicone Sealant



Usage / Purpose

FS126 is ideal for use in: facade joints, perimeter joints around windows or doors, panel joints between most common substrates, heel and toe beads, polycarbonate glazing and other general joint sealing applications.

Key Benefits

- Meets the requirements of EN ISO 11600 G&F 25LM
- Movement capability: up to 25%
- Excellent weathering and UV resistance
- Low modulus formulation ensures minimum strain at joint faces
- Neutral cure: low odour and noncorrosive

Facade Silicone Sealant

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. Any previously applied sealant must be mechanically removed.
- Thoroughly clean with a suitable cleaning solvent using the two cloth method, using one cloth dampened with the cleaning product to lift contaminants and a second clean dry cloth is used to remove any cleaner residue.
- Apply masking tape to prevent contamination of adjacent surfaces.
- Contact tremco illbruck Technical Services Department for further information if required.

Joint Backing

- Deep joints should be filled with an approved material such as FM310 PU Foam. In movement joints, back fill the joint with polyethylene joint backing in order to control the depth of sealant and prevent three-sided adhesion.

Application

1. Always carry out a test application prior to installation, to confirm compatibility and suitability for use.
2. Apply between +5°C and +40°C using a conventional skeleton gun or electric/power equipment.
3. All beads should be tooled after application to ensure firm, full contact with the joint faces.
4. Tooling should commence without delay due to the rapid skinning of the product.

Coverage

| Width x Depth (mm) | Linear metres per 310 ml Cartridge |
|--------------------|------------------------------------|
| 6 x 6 | 8.6 |
| 10 x 6 | 5.2 |
| 10 x 10 | 3.1 |
| 20 x 10 | 1.6 |
| 25 x 12 | 1.0 |

| Fillet Joint Width x Depth (mm) | Linear metres per 310 ml Cartridge |
|---------------------------------|------------------------------------|
| 6 x 6 | 17.0 |
| 10 x 10 | 5.2 |

| Width x Depth (mm) | Linear metres per 600 ml Sausage |
|--------------------|----------------------------------|
| 6 x 6 | 16.7 |
| 10 x 6 | 10.0 |
| 10 x 10 | 3.0 |
| 20 x 10 | 2.0 |

| Fillet Joint Width x Depth (mm) | Linear metres per 600 ml Sausage |
|---------------------------------|----------------------------------|
| 6 x 6 | 33.3 |
| 10 x 10 | 12.0 |

Cleaning

Remove excess sealant immediately with AT200 High Strength Cleaner. Ensure surface is solvent resistant before cleaning. Cured sealant can only be removed mechanically.

Please Note

Not recommended for permanent immersion, use on materials where migration of constituents can take place (e.g. certain rubbers) or food contact. Do not use where abrasion or physical abuse will be encountered (e.g. tracable joints). Not suitable for over painting. Always test before using on sensitive substrates (e.g. marble, architectural stones, etc.). Where staining is a problem, use FA870

Health & Safety Precautions

Safety data sheet must be read and understood before use.

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 service 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 information provided in this leaflet although it is published in good faith and believed to be concerned. tremco illbruck Limited reserves the right to alter product specification without prior notice, in line with Company policy of continuous development and improvement.



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