

Oil based mastic sealant

Uses

Secomastic is a flexible, skin forming oil based mastic sealant which provides an economic answer to a wide range of general joint sealing and weatherproofing requirements.

- Weatherproof sealing of sills, windows, door frame and surrounds, and lap joints
- Bedding sills, waterbars, frames and fittings

Advantages

- Excellent adhesion
- Durable
- Paintable
- Available in a range of colours
- Good slump resistance

Description

Secomastic compound is a general purpose, oil based joint sealant possessing excellent adhesion and durability. The body of the sealant remains flexible under a paintable skin which forms within 24 to 48 hours dependent on weather conditions. Secomastic maintains a weathertight seal whilst accommodating the limited movements associated with the recommended applications. Secomastic is suitable for general pointing, bedding and joint sealing up to 20 mm wide.

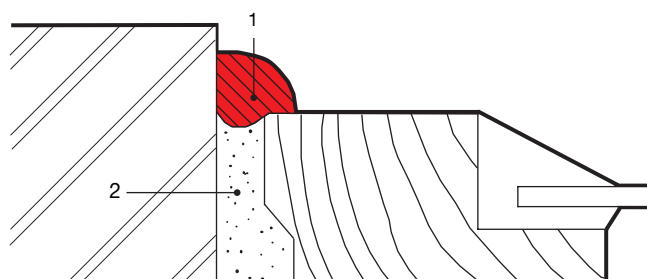
Technical support

Fosroc offers a comprehensive range of high performance, high quality technical products, manufactured in accordance with a BS 5750 registered quality scheme. In addition Fosroc offers a technical support package to specifiers and contractors which includes computer-aided design (CAD), standard details as well as on site technical advice from staff with unrivalled experience in the industry.

Design criteria

Joint size: Secomastic may be applied to joints ranging from 5 to 20 mm wide. The minimum depth should be 10 mm. The maximum depth should not exceed 25 mm. Triangular fillets should not be less than 15 mm across the diagonal face and finished with a convex surface.

Example of a sealed window frame



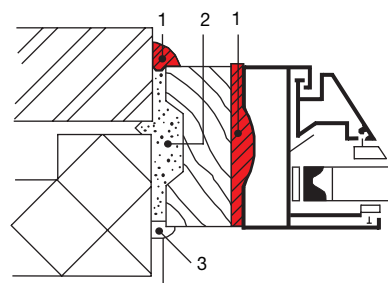
1 **Secomastic**

2 ***Secofoam**

* Also available from Fosroc

Where Secomastic is to be applied around a stained finish timber frame, Fosroc Primer 7 should be applied to the stained timber and allowed to dry prior to the application of Secomastic.

Example of a sealed aluminium frame to timber sub-frame



1 **Secomastic**

2 ***Secofoam**

3 ***Decofill**

* Also available from Fosroc



Properties

| | | |
|---------------------------------------|--|-----|
| Form: | Paste | |
| Colour: | White, brown, fawn, black, grey | |
| Movement | | |
| accommodation factor (BS6093): | Butt joints | 10% |
| | Lap joints | 20% |
| Physical or chemical change: | | |
| | Protective skin forms on surface | |
| Skinning time: | 24 to 48 hours depending on conditions of exposure | |
| Application temperature range: | | |
| | 5 to 50°C | |
| Solids content: | 100% | |
| Density: | 1.6 kg/litre | |
| Flash point: | Over 65°C | |

Specification clauses

Where indicated on the drawings, joints shall be sealed using Fosroc Secomastic, oil based sealant. Secomastic shall be applied strictly in accordance with the current Fosroc technical data sheet.

Application instructions

Preparation: Joint surfaces must be clean, dry and free from frost. Remove all dirt, laitance and other foreign matter. Remove all rust, scale and protective lacquers from metal. Non-porous surfaces should be de-greased with Fosroc Joint Cleaner. Fresh highly alkaline substrates and stained timber should be sealed with Fosroc Primer 7. Ferrous metal should be treated with an anti corrosion primer.

Where a particularly neat finish is required, cover face edges of joint with masking tape which should be removed immediately after sealing work is completed.

Gun loading: Cut conical tip off cartridge end thread, screw on nozzle, cut at 45° to required size and fit into sealant gun.

Application: Extrude the sealant firmly into the joint to ensure complete contact with joint faces. Tool off to a smooth finish if necessary with spatula wetted with a detergent solution.

Painting: Once a skin is formed Secomastic may be overpainted with a synthetic emulsion or conventional decorative paint to prolong the service life of the material.

Cleaning: Clean tools immediately after use with Fosroc Equipment Cleaner. Clean hands with a proprietary hand cleaner.

Ancillary materials and equipment

Fosroc Primer 7
Fosroc Joint Cleaner
Fosroc Equipment Cleaner
Expandafoam
Fosroc 'W' Gun

Limitations

Secomastic should not be used in contact with bituminous surfaces.

Not suitable for continuous or prolonged immersion in water.

Secomastic is not suitable for floor or trafficked joints.

Estimating

Packaging

Plastic cartridges with separate screw-on nozzles, packed in cartons of 12. Total contents approximately 4.8 litres.

Guide to Secomastic quantities

| Joint size in mm | Litres per metre run | Metres per 0.4 litre cartridge |
|------------------|----------------------|--------------------------------|
| 5 x 5 | 0.050 | 8.0 |
| 10 | 0.075 | 5.4 |
| 20 | 0.100 | 4.0 |
| 10 x 10 | 0.100 | 4.0 |
| 15 | 0.150 | 2.6 |
| 20 | 0.200 | 2.0 |
| 15 x 10 | 0.150 | 2.6 |
| 15 | 0.230 | 1.8 |
| 20 | 0.300 | 1.3 |
| 20 x 15 | 0.300 | 1.3 |
| 20 | 0.400 | 1.0 |
| 25 | 0.500 | 0.8 |

These are theoretical yields. No allowance has been made for variations in joint dimensions or wastage.

Storage

12 months minimum in original containers in cool, dry, conditions.

Precautions

Health and safety

Fosroc Secomastic: There are no known health hazards associated with Secomastic in normal use. However, with any material, good hygiene practices should be followed, i.e. keep out of eyes, do not consume, keep away from children and pets, wash hands thoroughly after use, wear gloves when using product.

Fosroc Primer 7: Highly flammable liquid. Contains isocyanates. Keep away from sources of ignition — No Smoking. Avoid contact with skin and eyes and inhalation of vapours. Wear suitable protective clothing, gloves and eye/face protection. Use only in well ventilated areas.

Fosroc Joint Cleaner: Flammable liquid. Keep away from sources of ignition — No Smoking. Irritating to eyes, respiratory system and skin. Avoid contact with skin and eyes and inhalation of vapours. Wear suitable protective clothing, gloves and eye/face protection. Use only in well ventilated areas.

Fosroc Equipment Cleaner: Harmful by inhalation. Avoid contact with skin and eyes and inhalation of vapours. Wear suitable protective clothing, gloves and eye/face protection. Use only in well ventilated areas and keep away from sources of ignition and hot surfaces — No Smoking.

For additional information see relevant Safety Data Sheet.

Storage

Fosroc Primer 7: Store in accordance with the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations 1972.

Additional information

Technical data — ancillary materials

| | Fosroc Primer 7 | Fosroc Equipment Cleaner | Fosroc Joint Cleaner |
|---------------------------------------|----------------------------|--------------------------------|----------------------------|
| Flash point: | 23.5°C | Non-flam | 43°C |
| Density kg/litre: | 0.8 | 1.5 | 0.8 |
| Storage life: | 12 months | Indefinite | Indefinite |
| Application temperature range: | | | |
| | 5 to 50°C | — | — |
| Drying time: | 20 to 60 minutes @ 25°C | — | — |
| Pack size: | 500 ml | 5 litre | 2.5 litre |

As well as joint sealants and ancillary products, Fosroc also manufactures a wide range of complementary products which includes waterstops, waterproofing membranes, grouting, anchoring and specialised flooring materials. In addition a wide range of products specifically designed for the repair and refurbishment of damaged reinforced concrete is available. This includes hand placed and spray grade repair mortars, fluid micro-concretes, chemical resistant epoxy mortars and a comprehensive package of protective coatings.



Fosroc Limited

Coleshill Road
Tamworth
Staffordshire
B78 3TL
Tel 01827 262222
Fax 01827 262444
www.FosrocUK.com

Important note

Fosroc products are guaranteed against defective materials and manufacture and are sold subject to its standard Conditions for the Supply of Goods and Services, copies of which may be obtained on request. Whilst Fosroc endeavours to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.

Secomastic is the trade mark of Fosroc
International Limited