



EVO-STIK Frame Mastic Sealant

OIL BASED SEALANT

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Fact Sheet No.: TDS00285

YOUR SMART ADVANTAGES

- Weatherproof, oil-based mastic for exterior use
- Ideal for pointing around external softwood and metal window and door frames
- Seals low movement joints in brick or concrete constructions

USES

EVO-STIK Trade Only Frame Mastic is a high quality oil-based sealant. Upon exposure to the air it forms a tough, flexible skin which protects the bulk of the sealant from the hardening effects of drying out. If the skin is punctured or broken, the sealant below the surface forms a new skin. EVO-STIK Trade Only Frame Mastic is ideal for pointing and weather sealing around external metal or timber doors, windows frames and sills and also sealing low movement joints in brick or concrete construction.

PRODUCT CHARACTERISTICS

Colour	Off-White, Natural, Mahogany, Black
Form	Gunnable paste
Specific Gravity	1.5 - 1.6 approx.
Composition	Blend of unsaturated drying oils, filled with inert pigments and fillers
Product Codes	30811662 Off-White C20 x 12 30811663 Natural C20 x 12 30811664 Mahogany C20 x 12 30811665 Black C20 x 12

Storage/Shelf Life

Store for up to 24 months from date of manufacture when stored in original, unopened packaging under cool, dry conditions within the temperature range of +5°C to +25°C and out of direct sunlight. Protect from frost.

TYPICAL PERFORMANCE DATA (Approx.)

Application Temperature	+5°C to +40°C
Service Temperature	-20°C to +50°C. Above this range the sealant will rapidly harden and embrittle.
Coverage	Approx. 11 linear metres of 6mm diameter bead per C20 cartridge.
Drying Times	The exposed surface of the sealant becomes tack-free a few days after application, whilst the bulk of the sealant remains in a soft pliable condition.

DIRECTIONS FOR USE

IMPORTANT: Before using EVO-STIK Trade Only Frame Mastic refer to the relevant Health & Safety Data Sheet, available at www.bostik.co.uk.

PREPARATION

1. Work in warm but well ventilated conditions.
2. Joint surfaces must be clean, dry, sound and free from dust, dirt, grease, loose material and other contaminants that may impair adhesion.



FM 01696
BS EN ISO 9001:2008

Bostik Limited, Common Road, Stafford, ST16 3EH, UK. Tel: +44 (0) 1785 272625 www.bostik.co.uk

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APPLICATION

3. Unscrew the nozzle, and using a sharp knife, carefully cut off the dome of the cartridge, taking care not to damage the thread. Screw the nozzle onto the cartridge.
4. Cut off the tapered end of the nozzle at a 45° angle, to a width matching the gap to be sealed.
5. Fit the cartridge into the cartridge gun by pressing the release plate and pulling out the plunger. Insert cartridge and repeatedly squeeze the trigger until the sealant appears.
6. The depth of channel or rectangular joints should be between 50 to 100% of the width of the joint. Joints deeper than this should be backed with a foam strip.
7. When using EVO-STIK Trade Only Frame Mastic for fillet pointing, face width should be a minimum 10mm with a minimum depth of 6mm.
8. Although not essential, regular painting of the mastic will improve durability and may also be required for decorative purposes. Traditional oil based paints are best; emulsion based paints may not form an even film easily.
9. Paint with a good quality conventional non-bituminous decorative paint system as soon as the surface has formed a good dry skin (normally a few days).
10. Avoid using micro-porous paints as they may not give such a good finish.
11. Inspect annually and make good as necessary.
12. If sectional replacement of mastic is required, cut out the affected area and clean the substrates thoroughly before replacing with new EVO-STIK Trade Only Frame Mastic in accordance with the application instructions. Never use a dissimilar material for repair work.

CLEANING

Uncured Sealant:

13. The excess uncured sealant should be removed carefully using a soft scraper. The remainder can be removed using a cloth just moistened with white spirit. Repeat using another clean cloth moistened with white spirit. Do not use solvent to remove product from skin – use soap and water.

Cured Sealant:

14. There is no adequate solvent; carefully cut away excess with a very sharp knife. Do not use solvent to remove product from skin – use soap and water.

PRECAUTIONS IN USE

Do not use EVO-STIK Trade Only Frame Mastic in situations where the sealant will be in contact with bitumen or tar. Do not use for filling gaps in floorboards; as oil based sealants stay soft. EVO-STIK Trade Only Frame Mastic has a low 'putty-like' odour which should be considered if the product is to be used indoors. EVO-STIK Trade Only Frame Mastic is not suitable for bedding double glazed/insulating glass units into frames.

For any application not covered please contact Technical Services on +44 (0)1785 272625 or visit www.bostik.co.uk for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for EVO-STIK Frame Mastic, available at www.bostik.co.uk.

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



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Sales	Tel: 0844 371 1192	Fax: 01785 241818	customer.service@bostik.com
Technical Advice	Tel: 0844 371 1197	Fax: 01785 272867	technical.service@bostik.com
Technical Data & COSHH (MSDS) Data Sheets	Tel: 01785 272625	Fax: 01785 212962	stafford.gatehouse@bostik.com



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