

PRODUCT DATA SHEET

EVERBUILD® Galva Mate Sealant

HIGH PERFORMANCE SPECIALIST DUCT SEALANT

PRODUCT DESCRIPTION

EVERBUILD® Galva Mate Sealant is a high performance solvent free adhesive and sealant specifically designed for sealing high velocity duct work in heating and ventilation systems.

USES

- For sealing high velocity ducting
- For sealing ventilation grills/jointing etc.

CHARACTERISTICS / ADVANTAGES

- Adheres to galvanized and stainless steel surfaces.
- Excellent slump resistance.
- Remains permanently flexible.
- Quick skinning and curing.
- Contains a high level of fungicide to prevent mould growth in areas of high humidity.
- Overpaintable when cured

APPROVALS / STANDARDS

Certified under the harmonized European standard EN15651 for façade interior applications in compliance with the Construction Product Regulation.

PRODUCT INFORMATION

| | |
|--------------------|--|
| Chemical Base | Acrylic water based paste |
| Packaging | 295ml Cartridge |
| Colour | Grey |
| Shelf Life | Use within 36 months |
| Storage Conditions | Store in cool dry conditions between 5°C and 25°C. Protect from frost. |
| Density | 1.64 - 1.70 g/cm ³ |
| Solid Content | ~80% |

TECHNICAL INFORMATION

| | |
|---------------------|--|
| Shore A Hardness | Approximately 30 |
| Elongation at Break | 250-300% DIN53504 |
| Movement Capability | Low to medium (+/- 5%) |
| Chemical Resistance | Dilute Acids - Fair Dilute Alkaline - Fair Aliphatic Hydrocarbons - Fair Aromatic Hydrocarbons - Poor |
| Service Temperature | -15°C to +75°C |

APPLICATION INFORMATION

| | |
|-------------------------|---|
| Ambient Air Temperature | +4°C to +40°C |
| Curing Time | 3 to 5 days, dependent on thickness, ambient temperature and humidity |
| Tack Free Time | 15 to 60 mins, dependent on thickness, ambient temperature and humidity |

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

All surfaces must be clean and dust free. All loose or flaking surface coatings, and old sealant and mastic joints, should be removed before application. May be applied to damp, but not wet surfaces.

APPLICATION METHOD / TOOLS

When assembling ducting joints, particular reference should be made to the guidelines set out by the Heating and Ventilation Contractors Association. Cut the tip of the cartridge taking care not to damage the thread. Apply nozzle and cut cleanly at an angle of 45° with an opening slightly larger than the gap to be sealed. Apply using a standard sealant gun. Best results will be obtained by keeping an even pressure on the gun trigger and keeping the gun at a constant angle to the surface being sealed. Smooth down within 20 minutes of application using a wetted spatula, piece of wood or wetted gloved finger. Care should be taken at this point not to saturate the surface as this will delay drying. Any excess sealant etc., can be removed using a sponge and warm water. A small amount of shrinkage occurs on cure. If a flush finish is required, fill the joint slightly proud of surface to allow for shrinkage.

LIMITATIONS

- For internal use only.
- Do not use in areas of high abrasion or below ground level.
- Do not use on surfaces which bleed oils or plasticisers.
- Do not use in contact with bitumen or asphalt.
- Cure time may be extended in cold or damp conditions.

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

ECOLOGY, HEALTH AND SAFETY

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

EVERBUILD BUILDING PRODUCTS LTD

Site 41, Knowsthorpe Way
Cross Green Industrial Estate
Leeds, LS9 0SW
Tel: 0113 240 3456
Web: www.everbuild.co.uk
Twitter: @everbuild

SIKA LIMITED

Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
Tel: 01707 394444
Web: www.sika.co.uk
Twitter: @SikaLimited

SIKA IRELAND LIMITED

Ballymun Industrial Estate
Ballymun
Dublin 11, Ireland
Tel: +353 1 862 0709
Web: www.sika.ie
Twitter: @SikaIreland

EVERBUILDGalvaMateSealant-en-GBEVER-(03-2018)-1-1.pdf

Product Data Sheet
EVERBUILD® Galva Mate Sealant
March 2018, Version 01.01
020514050000000020