

EVERFLEX GALVA MATE SEALANT

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DESCRIPTION

EVERFLEX GALVA MATE is a high performance adhesive and sealant specifically designed for sealing high and low velocity ducting in heating and ventilation applications.

BENEFITS

- Very strong adhesion to galvanised and stainless steel surfaces.
- Conforms to HVAC 142 Class D and ISO 11600 Class F – 12.5P.
- 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.

AREAS FOR USE

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

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.

SURFACE 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

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 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.

SPECIFIC DATA

Form	Ready to use thixotropic paste	
Specific Gravity	1.62 - 1.66	
Elongation at Break (%)	250-300%	
Hardness (Shore A)	Approximately 30	
Tack Free Time	15 to 60 mins, dependent on thickness, ambient temperature and humidity	
Full Cure	3 to 5 days, dependent on thickness, ambient temperature and humidity	
Solids Content	79%	
Slump Resistance	No slump at 25°C when placed in a 20mm x 10mm vertical channel	
Application Temp. Range	+4°C to +40°C	
Service Temp. Range	-15°C to +75°C	
Chemical Resistance	Dilute Acids - Fair	Dilute Alkaline - Fair
	Aliphatic Hydrocarbons - Fair	Aromatic Hydrocarbons - Poor
Movement Accommodation	Low to medium (+/- 12.5%)	
Durability	Up to 15 years when used as recommended	
Shelf Life	Up to 15 mnth when stored in unopened cartridges under cool dry conditions. AVOID FROST	
Compatibility	Can be used in contact with most building and decorating materials but should not be used against bituminous materials.	
Limitations	Should not be used in conditions of continuous immersion, belowground or in areas of high abrasion (e.g. floor joints)	
Classification	Sealant ISO 11600 - F – 12.5P; DIV 142 Class D	

HEALTH AND SAFETY

- Do not ingest
- Keep out of reach of children.
- Product of low hazardous nature.
- Remove from skin with soap and water.

STORAGE

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Store in cool dry conditions and protect from frost.

SHELF LIFE

Use within 15 months.