EVERFLEX LEADMATE SILICONE



Colour	Product Code	Pack Size	Box Qty
Lead Grey	LEAD	C3	25

Product Description

EVERFLEX LEADMATE is a low modulus, neutral cure sealant specifically designed to give exceptional adhesion to soft metals such as lead, brass etc. The product is specially formulated as an alternative to mortaring Lead Flashing and Sheet into Brick, Stone and Concrete. Conforms to BS5889 Type A.

Benefits

- Excellent adhesion to metals - will not stain or corrode soft metals unlike most conventional sealants
- Low dirt pick up
- Excellent flexibility - +/- 50%.
- Excellent low and high (+150°C) temperature resistance.
- Solvent free - low shrinkage during vulcanisation.
- High resistance to plasticizer migration - may be used over water based and solvent based paints.
- Excellent external weathering properties.
- Extended shelf life - up to 12 months from date of manufacture.

Areas For Use

- As an alternative to mortaring in Lead flashing and sheet into brick, stone and concrete.
- Suitable as an expansion joint sealant.
- Weather sealing and joint sealing to pre-formed panels.
- Sealing soft metals such as lead, copper and zinc.
- Parapet and roof weather sealing applications.

Limitations

- Do not use in conjunction with bitumen asphalt, neoprene and certain organic elastomers.
- Do not use on substrates that bleed oil, solvents or plasticisers.

Surface Preparation

The surfaces to be must be clean, dry and free from dust, grease and other contaminants.
Priming is generally not required, although we always advise testing small areas prior to use.

Application

Joint design should be as follows:
Minimum width: 6mm. Movement capacity will be impaired if the depth of the joint is greater than the width. For maximum movement accommodation, it is recommended that:

1. The joint depth should be no less than 5mm
2. Joint depth should be 5mm for joints up to 10mm wide
3. Joints above 10mm in width should be half the width in depth up to 20mm and minimum 10mm for wider joints

Maximum joint width without slumping is 40mm. When flashing into concrete walls with a wider joint, always fix the lead with stainless steel screws and plugs prior to applying the sealant.

All joints should be designed so that the seal is placed in a position which does not retain water or form a water trap. Triangular fillets should be no less than 12mm across the face and should be finished with a flat or convex face.

Cut the tip of the cartridge taking care not to damage the thread. Apply nozzle and cut 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 trigger and keeping the gun at a constant angle to the surface being sealed. To ensure a proper bond, always smooth the sealant down with a spatula or piece of wood. An improved joint appearance can be achieved by placing masking tape to both sides of the joint, removing within 5 minutes of application.

Specific Data

Movement Accommodation	+ or -50%
Skinning Time	30 mins @ 20°C
Cure Time	2mm per 24 hours
Hardness Shore A	20
Shrinkage	None
Service Temperature resistance:	-40°C to + 150°C
Application temperature resistance	+5°C to + 30°C
Modulus	1.5N/mm²
Specific Gravity	1.2
Cleaning	Uncured sealant: white spirit Cured sealant: EVERFLEX SILICONE EATER
Minimum Joint Width	6mm
Maximum Joint Width	40mm
Joint Ratio	Maximum depth 50% of joint width
Coverage	10 linear metres @ 9 x 9mm fillet joint
Elongation At Break	600%

Health & Safety

Consult MSDS for full list of hazards

Storage

Store in original unopened containers between 15 and 30°C

Shelf Life

24 months from date of manufacture.

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.