



**HODGSON
SEALANTS**

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PRODUCT DATA SHEET

SILFIX LMA

Version No: 1.0

Revision Date: 17/04/03

DESCRIPTION

Silfix LMA is a low modulus acetoxy cure silicone sealant which offers good all round performance and durability. Conforming to the requirements of ISO 11600 G-25 HM and BS5889:1989 Type B it is suitable for use in a wide variety of building and industrial applications. A special fungicidal formulation makes it ideal for sealing around baths, showers and other sanitary applications and its overall strength and adhesion make it an excellent choice for sealing around PVC-U windows and doors. Fast cure characteristics make it highly suitable for emergency repairs and boarding up.

KEY FEATURES

❖ Good adhesion to a wide variety of surfaces including glass, coated metals, acrylic and ceramics.	❖ Quality low modulus acetoxy cure silicone which cures to form a flexible rubber.
❖ Good performance across a wide range of temperatures	❖ Fully conforms to all the requirements of: ISO 11600 G-25 LM BS 5889: 1989 Type B
❖ Contains a powerful fungicide which makes it ideal for use around baths, basins, ceramic tiles etc.	❖ Standard colours: Aluminium, Brown, Translucent, White, Ivory & Beige

TECHNICAL APPROVALS

Silfix LMA conforms to the following standards :-

- ❖ ISO 11600 Classification G-25 LM
- ❖ BS 5889 Type B

USES

<p>For sealing joints between:-</p> <p>Trims and flashing in roofing and cladding. PVC-U, aluminium, steel, timber frames and the brickwork. Wall tiling. Plastisol and alkyd coated steel.</p> <p>General industrial use eg heating & ventilation, sectional buildings, caravans etc.</p>	<p>Sealing around baths, showers and other sanitary applications.</p> <p>Emergency repairs and boarding up.</p> <p>For bedding single glass into timber frames.</p> <p>Do not use: In contact with edge sealants of double glazed units. For sealing aquaria. In contact with lead, brass & copper</p>
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PERFORMANCE: SILFIX LMA

- ❖ **Adhesion:** Excellent to glass, ceramics, coated metals, and coated timber. For further details contact Hodgson Technical Services
- ❖ **Base technology:** Silicone polymer
- ❖ **Chemical resistance:** Good to dilute acids and alkalis
- ❖ **Curing system:** Acetoxy cure
- ❖ **Hardness (Shore A 25° C):** 18
- ❖ **ISO 11600 Classification:** G-25 LM
- ❖ **Mould Resistance:** Contains a fungicide
- ❖ **Movement accommodation:** ±25%
- ❖ **Paintability:** Not recommended
- ❖ **Service life (predicted):** 20 years
- ❖ **Service temperature range:** -40° C to +100° C
- ❖ **Shrinkage:** < 10%
- ❖ **Slump:** Nil
- ❖ **Specific gravity/density:** 0.99g/cm³ to 1.3g/cm³
- ❖ **Staining:** Nil on most surfaces
- ❖ **Tensile strength:** >0.6 N/mm²
- ❖ **UV resistance:** Excellent
- ❖ **Volatile content:** < 10%

APPLICATION

Properties

Application temperature range: +5°C to +40°C

Curing rate: Cures at a rate of 2.5mm in 24 hours at 23°C @ 60% RH. Lower temperatures and drier conditions will result in a slower rate of cure

Shelf life: 12 months

Skinning time: skin forms after approximately 15 minutes at 23° C @ 60% RH

Working time: Approximately 5 minutes depending on conditions.

Instructions

Surface preparation: all surfaces must be clean, dry and free from frost, grease and loose materials.

Apply primer if required.

Cut the tip of the screw thread off the cartridge and screw on the nozzle. Cut nozzle to correct diameter for joint size.

Apply using a skeleton or powered gun into the joint ensuring good contact with surfaces. In deep joints, the use of Backing Rod is essential to ensure good joint formation.

In situations where an especially neat finish is required, use masking tape to cover the face edges of the joint and remove immediately once sealing has been completed.

Tooling: Tool immediately after sealant has been applied within the working time for the product.

Equipment

A selection of hand & air operated guns is available for cartridge application including a high power type especially suitable for filling deep voids.

PACKAGING

310ml cartridges - 25 per case

Colours: Aluminium, Brown, Translucent, White, Ivory

ESTIMATING QUANTITIES: SILFIX LMA

		Depth mm					
		3	6	9	12	15	
		3	34.4	17.2	11.5	8.6	6.9
		6	17.2	8.6	5.7	4.3	3.4
Width mm	9	11.5	5.7	3.8	2.9	2.3	
	12	8.6	4.3	2.9	2.2	1.7	
		15	6.9	3.4	2.3	1.7	1.4
		18	5.7	2.9	1.9	1.4	1.2
		25	4.1	2.1	1.4	1.0	0.8

HEALTH AND SAFETY

Contains acetoxy silane.
Irritating to eyes.
Use only in well ventilated areas.
Acetic acid is evolved during the curing process.

Avoid contact with skin and wash hands immediately after use.
Wash hands immediately after use.
See Safety Data Sheet for further information.

GENERAL

Silfix LMA is part of a full range of speciality sealants and tapes designed for the professional user. For further information please contact Customer Services.



The information given in this product data sheet is based on laboratory tests and experience which we believe to be correct. In view of the wide range and variability of substrates, we would advise that our product should be tested by the user to establish suitability for its intended application. E &OE

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