

SILFIX® LMA

Version No. 3

Revision Date: 29/04/09

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DESCRIPTION

Silfix® LMA is a low modulus acetoxycure silicone sealant which offers good all-round performance and durability. Conforming to the requirements of ISO 11600 G-25 LM 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.

Contains a powerful fungicide which makes it ideal for use around baths, basins, ceramic tiles etc.

Good performance across a wide range of temperatures.

High quality low modulus acetoxycure silicone which cures to form a flexible rubber.

TECHNICAL APPROVALS

Silfix® LMA conforms to the following standards :- ISO 11600 Classification G-25 LM and BS 5889 Type B

USES

Sealing joints between trims and flashing in roofing and cladding.

Emergency repairs and boarding up.

Sealing PVC-U, aluminium, steel, timber frames and the brickwork, wall tiling, Plastisol and alkyd coated steel.

For bedding single glass into timber frames.

Sealing around baths, showers and other sanitary applications.

Do not use:

Sealing joints in general industrial applications such as those found in heating & ventilation, sectional buildings, caravans etc.

In contact with edge sealants of double-glazed units.
For sealing aquaria.
In contact with lead, brass & copper.

PERFORMANCE

Adhesion: Excellent to glass, ceramics, coated metals, and coated timber.
For further details contact our Technical Department.

Base technology: Silicone polymer

Chemical resistance: Good to dilute acids and alkalis

Curing system: Acetoxycure

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: 0.99g/cm³ (translucent) to 1.3g/cm³ (white)

Staining: Nil on most surfaces

Tensile strength: >0.6 N/mm²

UV resistance: Excellent

Volatile content: < 10%

PRODUCT DATA SHEET



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APPLICATION

PROPERTIES

Application temperature range: +5°C to +30°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

Joint design: Please consult the **Technical Information Sheet** entitled 'Joint design for cartridge based products' prior to application.

Surface preparation: All surfaces must be clean, dry and free from frost, grease and loose materials. Apply primer if required. In situations where an especially neat finish is required, use masking tape to cover the face edges of the joint and remove immediately once tooling has been completed.

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 Hodgson Backing Rod is essential to ensure good joint formation.

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: Translucent and white

ESTIMATING QUANTITIES

$$\text{Number of cartridges} = \frac{\text{Joint depth (mm)} \times \text{Joint width (mm)} \times \text{Length (M)}}{\text{Volume of cartridge (ml)}}$$

This calculation does not allow for wastage.

HEALTH AND SAFETY

Use only in well ventilated areas.

Avoid contact with skin.

Wash hands immediately after use.

See Product 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 our Customer Care Team or visit our Website.

The information given in this product data sheet is based on laboratory tests and experience which we believe to be correct. Properties quoted are typical and do not therefore constitute a specification. 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.