TECHNICAL DATA SHEET

FabMate ™
LMN SILICONE

CHARACTERISTICS

- High quality neutral cure alcoxy silicone sealant
- MEKO free formulation
- Permanent elasticity after curing
- Very easy to apply
- Excellent adhesion to most building materials
- High resistance to UV
- High resistance to ageing and weather conditions
- No shrinking or cracking

APPLICATIONS

- Sealing of connection joints and façade joints with a movement of up to 20%.
- Perimeter joints around window and door frames.
- Sealing of connection joints in building and construction.
- External and Internal use.

TECHNICAL CHARACTERISTICS	
Type of product	Polysiloxanes
Density (g/ml)	0.97
Application temperature	+5°C - +40°C
Temperature resistance	-50°C - +150°C
Curing system	Curing by air humidity
Curing speed at 23 degrees C and 50% R.H. (mm, after 24h)	3 - 4
Skin forming time at 23°C and 50% R.H. (min.)	12
Shore A hardness: ISO 868	10
Elastic recovery capacity: ISO 7389	>70%
Maximum permissible deformation: ISO 11600	20%
Modulus at 100% elongation: ISO 8339 (N/mm^2)	0.16
% Elongation at break: ISO 8339	300
Shelf life of unopened product	12 months

PACKAGING AND COLOURS

- 290ml Cartridge; 12 Cartridges per outer carton
- 1200 Cartridges per pallet
- Transparent
- White
- Anthracite Grey RAL7016

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Method of Usage

Preparation
- Use in a well-ventilated space. Good ventilation is important during application and curing of the product.
- The surfaces must be solid, dry and free of dust and grease.
- If required, degrease materials to be sealed with a suitable degreaser prior to application.
- User must ensure that the product is suitable for their application. Technical advice available from FabMate.

Primers
- Absorbent surfaces: Silicone Primer Porous Surfaces (transparent, drying time about 60 min.).
- Non-absorbent surfaces: Silicone Primer Non-Porous Surfaces (transparent, drying time about 60 min.).
- The use of a primer may be necessary on very porous substrates, in the event of difficulty in adhesion or in demanding conditions of use.

Application
- Apply the product from the cartridge with a manual or pneumatic caulking gun.
- The size and shape of the joint is very important – see joint dimensions below.
- Do not subject the joint to thermal, mechanical or chemical stress before curing is complete.

Joint dimensions
- Suitable joint widths from 5 mm to 30 mm
- Joints with a width up to 10 mm: joint depth should equal joint width. Joints wider than 10 mm: joint depth = (joint width/3) + 6 mm.

Tooling
- If required, smooth surface before skin formation with a suitable jointing tool.
- If using a finishing solution ensure solution does not come in contact with substrates prior to sealant application. Sealant will not adhere to damp surfaces.

Cleaning
- Remove uncured residues from tools or surfaces with suitable cleaner or wipes.
- After curing, silicone to be removed mechanically.

Safety
- Consult the safety information on the packaging and the safety data sheet for more information.

Limitations
- Not suitable for permanent submersion.
- Not suitable for mirrors.
- Not suitable for use on bituminous surfaces.
- Not suitable for use on PE, PP, PA, PTFE (Teflon).
- Not suitable for use on polyacrylate and polycarbonate
- Not suitable for use on natural stone (can cause stains).
- Colours can yellow slightly in the absence of UV light or through contact with smoke or detergents.
- Not paintable.
- Not suitable for sanitary applications (not mould resistant)
- Not suitable for contact with edge sealing of insulating glazing. Avoid direct contact.
- Not suitable for contact with PVB films of laminated glass. Avoid direct contact.
- Not suitable for expansion joints with a movement range of > 20%.

Technical Approvals
- UKCA & CE according to EN 15651-1: F EXT-INT 20 LM
- UKCA & CE according to EN 15651-2: G 20 LM
- French VOC emission class A+
- SNJF: Façade 12,5 E (Société National du Joint Français)

SNJF Facade on colours: transparent, white & RAL 9010 Information on the SNJF label can be found at www.oc-sfjf.fr.

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