

# TECHNICAL DATA SHEET

## LMN 2001 SILICONE

A one part versatile sealant, which can be used for sealing most building, construction and glazing joints. This sealant is neutral and almost odourless and cures with atmospheric moisture to form a durable permanent rubber seal. Conforms to ISO 11600 F12, 5E.

**USES:** In general this silicone can be used to seal joints and perimeter pointing around all types of window and door frames. It will adhere to most common building materials such as PVCu, aluminium, stone, concrete, GRP, steel, brass and painted wood.

**COLOURS:** White, Clear, Brown, Bronze, Black, Grey, Oak/Caramel

**PACKAGING:** 310ml cartridge packed 1 x 25

### PREPARATION

Surfaces must be clean, dry and dust free. Cut the cartridge seal and screw on the nozzle which should be cut to your required size.

### APPLICATION

Using a skeleton gun, apply the sealant into the gap or joint ensuring a good solid fill. If required, place masking tape along edges, removing within 5 minutes of application.

### FINISHING

Always tool using a spatula or stick wetted with neutral soapy water within 5 minutes of application. In deep joints reduce the joint depth to 50% of the joint width using expanding foam or joint backer rod.

### HEALTH AND SAFETY

**CAUTION** Contains 2-butanonoxim. May cause and allergic reaction. Safety Data Sheet available for professional user on request. Keep out of reach of children. Avoid contact of uncured sealant with eyes. If contact occurs wash thoroughly with water; if irritation persists seek medical advice. Do not take internally. Dispose of empty packaging correctly.

**LMN 2001 SILICONE TECHNICAL DATA SHEET CONTINUED****LIMITATIONS**

For external use only. Do not use in areas subject to high abrasion. Not suitable for continuous water immersion. Amongst others not suitable for use of aquaria, PE, PP Teflon and bituminous surfaces or wax containing surfaces. On porous surfaces a primer may be necessary. Adhesion tests prior to application are recommended. It is the users responsibility to determine suitability. Store between +5°C and +25°C in cool, dry conditions.

**LIABILITY**

The information given is the result of our tests and experience and is believed to be accurate and reliable. However, as Siroflex Limited cannot know all the uses its products may be put to, and as application methods are out of our control it is the users responsibility to determine suitability of use.

<b>TECHNICAL DATA</b>	<b>DIMENSION</b>	<b>LMN 2001 SILICONE</b>
Basis		Neutral cure
Density	kg/m <sup>3</sup>	986
Curing time	in 24 hours	1,5mm
Skinning time	minutes	10-15
MMA	%	25
Elongation at break	%	480
E-module at 100%	MPa	0,35
Tensile strength	MPa	1,20
Hardness Shore A		17
Application temperature	°C	+5/+40
Temperature resistance	°C	-45/+100
Paintable after curing		No
Shelf life stored between +5°C / +25°C	Months	9
Minimum joint width		4mm
Maximum joint width		25mm
Maximum joint depth		12mm

**QUANTITY ESTIMATOR**

Width x depth of joint x length (in linear metres) of joint, divide this by the volume of tube in ml = number of cartridges required.

For full health and safety data information, please contact our technical department by telephone or email to [technical@siroflex.co.uk](mailto:technical@siroflex.co.uk)