



Ideal Chemical Products Ltd

Unit D5, Taylor Business Park, Warrington Road, Warrington, Cheshire, WA3 6BL.
Telephone: 01925 765934, Fax: 01925 766320 E-Mail: info@idealsealants.com

Idealseal LMN Silicone Sealant

DESCRIPTION

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 BS5889 Type A, 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. Other uses for this sealant sealing panel joints in cold stores etc, joints in concrete and other porous cement based materials. It will adhere to most common building materials such as PVCu, aluminium, brick, concrete, GRP, steel and brass.

COLOUR: White/Clear

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 & SAFETY

Contains 2-butanonoxim. May cause an allergic reaction. Safety Data Sheet available for professional user on request. Keep out of reach of children. Dispose of empty packaging correctly.

IDEALSEAL LMN SILICONE SEALANT TECHNICAL DATA SHEET CONTINUED

LIMITATIONS

Among others not suitable for use of aquaria, PE, PP Teflon and bituminous surfaces or wax containing surfaces. Do not use in areas subject to high abrasion. Not suitable for continuous water immersion. 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 Ideal Chemical Products 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.

TECHNICAL DATA	DIMENSION	IDEALSEAL LMN SILICONE	
Basis		alcoxim silicone	
Application Temperature	°C	+5/ +40	
Application Rate	g/ min	240	
Flow	mm	<2	
Density	g/ml	1,0	
Skin over time	min	6	
Frost resistant till -15°C during transport		Yes	
Shelf life between +5°C and +25°C	month	24	
Paintable after curing		No	
Joint movement capability	%	+25	
Temperature resistance after curing	°C	-40/ +120	
<i>Mechanical properties</i>			
<i>2mm film</i>			
Shore-A hardness (3s)	DIN 53505	17	
100% Modulus	DIN 53504	0,35	
Tensile Strength	DIN 53504	1,0	
Elongation	DIN53504	400	
Joints			
Minimum width	Width 4 mm	Depth	
Maximum width	25 mm		
Joint connection	4 - 8 mm		6 mm
	10 - 12 mm		8 mm
	14 - 16 mm		10 mm
	18 - 20 mm		12 mm
	22 - 24 mm		14 mm

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.