



Ideal Chemical Products Ltd

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Idealseal Contractors LMN Silicone Sealant

DESCRIPTION

A one component neutral cure silicone, which can be used for sealing most building, construction and glazing joints. This sealant is almost odourless and cures with atmospheric moisture to form a durable permanent rubber seal.

USES

Sealing joints and perimeter pointing around all types of window and door frames. It will adhere to most common building materials such as PVCu, aluminium and painted wood.

COLOUR: White

PACKAGING: 310ml cartridge packed 1 x 25

PREPARATION

Surfaces must be clean, dry and dust free.

APPLICATION

Cut the cartridge seal and screw on the nozzle which should be cut to your required size. Using a skeleton gun, apply the sealant firmly into the gap or joint ensuring a solid fill. If required place masking tape along edges, removing within 5 minutes of application.

FINISHING

Always tool down using a spatula or stick wetted with soapy water within 5 minutes of application. Tack free in approximately 30 minutes. It is the user's responsibility to dispose of all packaging correctly.

HEALTH & SAFETY

Safety data sheet available for professional user on request. Dispose of empty packaging correctly.

IDEALSEAL CONTRACTORS LMN SILICONE SEALANT TECHNICAL DATA SHEET CONTINUED

LIMITATIONS

Among others not recommended for aquaria, PMMA, PE, PP, Teflon and bituminous surfaces and wax or paraffin containing surfaces. Not recommended for direct contact with the perimeter of insulation glass and the edges of laminated safety glass. On porous substrates like concrete and brickwork, depending on porosity, a primer may be necessary. Adhesion tests prior to application are recommended. It is the users responsibility to determine suitability.

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 CONTRACTORS LMN SILICONE
Basis		oxim silicone
Application Temperature	°C	+5/ +40
Application Rate	g/ min	500
Flow	mm	<2
Density	g/ml	0,98
Skin over time	min	5
Frost resistant till -15°C during transport		Yes
Shelf life between +5°C and +25°C	month	18
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	16
100% Modulus	DIN 53504	0,35
Tensile Strength	DIN 53504	1,10
Elongation	DIN53504	450
Joints	Width	Depth
Minimum width	4 mm	
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.