



Idealseal Neutral LM Silicone (Clear)

Premium all in one low modulus neutral silicone sealant for sanitary, building, glazing & façade joints



Description

Idealseal Neutral LM Silicone combines premium MEKO-free low modulus neutral curing technology free of solvents and mineral oils with sanitary grade anti-fungal compounds to provide a watertight, low odour, non-shrinking, flexible, UV and weather resistant seal which resists mould and bacterial growth. The sealant has excellent primer-free adhesion to both porous and non-porous surfaces accommodating joint movement of + or - 25%. It is temperature resistant between - 50°C to +120°C and will not crack, harden or dry out.

Uses

Idealseal Neutral LM Silicone was specifically developed for durable elastic sealing of connection and expansion joints both internally and externally. It is commonly used for sealing glazing systems including the bedding of double glazed units and perimeter pointing around window and door frames, sealing panels within cold stores, sealing sanitary joints in kitchens,

bathrooms and showers, sealing of curtain wall constructions and cladding. It is also compatible with most common building materials such as plastics, glass, glazed surfaces, cap beading, treated wood, metal profiles, concrete and brickwork.

Technical Detail

Base		2-Pentanone Oxime
100% Modulus	DIN 53504 S2	0.25 N/mm ²
Application temperature		+ 5°C to +40°C
Curing time	@ +23°C/50% RH	2-3mm/24 hours
Density	ISO 1183-1	1.02g/ml
Elongation at break	DIN 53504 S2	500%
Frost resistance during transportation		Up to -15°C
Joint movement		25%
Shorea hardness	DIN 53505	15
Skin formation	DBTM 10	8 minutes @ +23°C/50%RH
Temperature resistance		- 50°C to +120°C
Tensile strength	DIN 53504 S2	1.20 N/mm ²

Colour

Clear

Packaging

310ml x 12

Application

Surfaces must be dry and dust free. Cut the cartridge seal and screw on nozzle which should be cut to required size. Gun the sealant firmly into joint ensuring no air is trapped behind. If required place masking tape along joint edges, removing within 5 minutes of application.

Limitations

Not recommended for use on PE, PP, PMMA and PTFE.




Paintability

Idealseal Neutral LM Silicone is not paintable. It is recommended to cover the edges of the joint you plan to paint with masking tape to prevent surface contamination by the silicone.

Shelf Life

In unopened original packaging between + 5°C and +25°C, shelf life up to 24 months from production date stated on the tube, store in a dry place

Certifications

	EN 15651-1: F-EXT-INT-CC 25LM EN 15651-2: G-CC EN 15651-3: S XS1
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	A+ French VOC Regulation
	SNJF FG25E

Health and Safety

Safety data sheet (MSDS) must be read and understood before use of the product this is available on request and via www.idealsealants.com.

Liability

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

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