



Ideal Chemical Products Ltd

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Idealseal Universal Silicone Sealant

DESCRIPTION

A One Part Low Modulus Acetoxy Silicone incorporating a fungicide to protect against mould and bacteria. Also providing a permanently water tight and weatherproof flexible rubber seal on many building substrates. Conforms to ISO 11600 F12,E.

USES

Sealing around door and window frames, cap glazing, sealing glass to glass and glass to aluminium, sealing cladding, cold storage and also suitable for use on painted surfaces.

COLOUR: White/Clear/Brown/Black/Grey/Sherwood Oak

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 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

Data Sheet available for professional user on request. Keep out of reach of children. Dispose of empty packaging correctly.

IDEALSEAL UNIVERSAL SILICONE SEALANT TECHNICAL DATA SHEET CONTINUED

LIMITATIONS

Among others not recommended for application on concrete, marble, lead, copper, galvanised steel, PE, PP, Teflon and bituminous surfaces. Not suitable for use with aquaria. 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 UNIVERSAL SILICONE
Basis		acetoxy silicone
Application Temperature	°C	+5/ +40
Application Rate	g/ min	300
Application Rate 3mm/6.3 bar		
Flow ISO 7390	mm	<2
Density	g/ml	0,99
Skin over time 23°C/ 55% RF	min	13
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	-30/ +150
<i>Mechanical properties</i>		
<i>2mm film</i>		
Shore-A hardness (3s) DIN 53505		21
100% Modulus DIN 53504	MPa (N/mm ²)	0,40
Tensile Strength DIN 53504	MPa (N/mm ²)	1,9
Elongation DIN53504	%	550
Joints	Width	Depth
Minimum width	4 mm	
Maximum width	25 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.