

# TECHNICAL DATA SHEET

## ADSIL HM ACETOXY SILICONE

A high performance acetoxy curing silicone which provides a permanently water tight flexible seal and offers excellent adhesive properties, making it suitable for use on glass, aluminium, painted surfaces, sanitary ware, ceramics and non-porous surfaces. Contains an anti-fungal agent.

### USES

Sealing around door and window frames, sealing glass to glass and glass to aluminium, sealing around pipes and sanitary fixtures and sealing duct work. Draught proofing casement windows and doors.

**COLOURS:** White, Clear

**PACKAGING:** 300ml cartridge packed 1 x 25

### PREPARATION

Surfaces must be clean, dry and dust free. Old silicone can be removed using SX Silicone Remover.

### APPLICATION

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

### FINISHING

Always tool using a spatula or stick wetted with soapy water within 5 minutes of application. 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.

## ADSIL HM ACETOXY SILICONE TECHNICAL DATA SHEET CONTINUED

### LIMITATIONS

Among others not recommended for application on concrete, marble, lead, copper, galvanized steel, oily surfaces, some PVCu, laminated surfaces, PE, PP, Teflon and bituminous surfaces. Not paintable and not suitable for use with aquaria. Not recommended for direct contact with the perimeter of insulation glass and the edges of laminated safety glass. Adhesion tests prior to application are recommended. It is the user's 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 Siroflex Limited cannot know all the uses its products may be put to, it is the user's responsibility to determine suitability of use.

TECHNICAL DATA	DIMENSION	ADSIL HM ACETOXY HM SILICONE
Basis		acetoxxy
Application Temperature	°C	+5/ +40
Application Rate	g/min	600
Flow	mm	<2
Density	g/ mm	0,97
Skin over time	min	13
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	-50/ +120
<i>Mechanical Properties</i>		
<i>2mm film</i>		
Shore-A hardness (3s)		15
Modulus 100%	MPa (N/ mm <sup>2</sup> )	0,30
Tensile Strength	MPa (N/ mm <sup>2</sup> )	1,3
Elongation at break	%	600
<i>Joint dimensions</i>	<i>width</i>	<i>depth</i>
Minimum width	4 mm	
Maximum width	25 mm	
Joint connection	4-8 mm	6 mm
	10-12 mm	8 mm
	14-16 mm	10mm
	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.