

# SILITE SEALANT

## PRODUCT INFORMATION

<b>Stock No.</b>	<b>Package Size</b>
17150 Clear	310ml Cartridge
17140 White	

<b>Description</b>	Silicone resin based adhesive/sealant for sealing, jointing, caulking and bonding
<b>Recommended Applications</b>	<ul style="list-style-type: none"> <li>• Weatherproofs electrical boxes</li> <li>• Caulks pluming fixtures</li> <li>• Ideal sealant for use in building construction</li> <li>• Use to make form-in-place gaskets particularly in HVAC</li> <li>• Seals ductwork</li> <li>• Insulates exposed wiring</li> </ul>

## PRODUCT DATA

<b>Typical Physical Properties</b>	Colour	White and Clear		
	Mix Ratio by Volume	N/A		
	Mix Ratio by Weight	N/A		
	% Solids by Volume	100		
	Pot life at 21°C/ mins	N/A		
	Specific Volume CC/Kg	952		
	Cured Shrinkage cm/cm	N/A		
	Specific Gravity	1.05		
	Temperature resistance / °C	-50 to 230°C		
	Coverage	Dependent on bead size		
	Cured Hardness / Shore D	30 A		
	Dielectric Strength KV/mm	14.7		
	Adhesive Tensile Shear / MPa	2.6		
	Compressive Strength MPa	N/A		
	Coefficient of Thermal Expansion x10 <sup>-6</sup> cm/cm/°C	N/A		
	Thickness per Coat / mm	No limit, Non-sag up to 2 cm		
	Functional Cure Time /Hours	24		
	Recoat Time /Hours	Anytime		
	Mixed Viscosity /cps (where applicable)	N/A		
<b>Chemical Resistance</b>	<b>7 days room temperature cure (30 days) - Testing carried out 30 days immersion at 21°C</b>			
	Ammonia	Fair	Methylene Chloride	Poor
	Cutting Oil	Very Good	Sodium Hypochlorite 5% (Bleach)	Very Good
	Isopropyl Alcohol	Excellent	Sodium Hydroxide 10%	Excellent
	Gasoline (Unleaded)	Poor	Sulphuric Acid 10%	Very Good
	Hydrochloric Acid 10%	Poor	Xylene	Poor
	Methyl ethyl Ketone (MEK)	Poor		
	Excellent = +/- 1% weight change			
	Very Good = +/- 1-10% weight change			
	Fair = +/- 10-20% weight change			
	Poor = > 20% weight change			

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## **APPLICATION INFORMATION**

Cure	A skin will form on the surface of Silite Sealant in approximately 10 minutes. It will be tack-free in approximately 1 hour. Full cure will take place in about 7 days at room temperature (22°C). The vinegar-like odour will disappear as the material cures. The higher the humidity, the faster the Silite Sealant will cure.
Surface Preparation	Surfaces should be wiped with Devcon Fast Cleaner 2000 Spray / Cleaner Blend 300, to ensure they are free of heavy deposits of grease, oil, dirt or other contaminants. Silite Sealant will not bond to oily or soapy surfaces.
Application	Remove cap and pierce the membrane seal. Cut the nozzle in the desired opening. Hold the tube or applicator at a slight angle and apply firm, continuous pressure. Push the Silite Sealant ahead of the nozzle in the direction of application. Squeeze the tube from the bottom, or apply firm, steady pressure to the applicator pistol grip, forcing the Silite Sealant into the crack or seam. Do not apply more than 10mm thickness at a time.
Shelf life & Storage	Silite Sealant should be stored in a cool, dry place when not used for a long period of time. A shelf life of 2 years from date of manufacture can be expected when stored at room temperature 22°C in their original containers.
Precaution	For complete safety and handling information please refer to the appropriate Materials Safety Data Sheets prior to using this product
Warranty	ITW Devcon will replace any material found to be defective. As the storage, handling and application of this material is beyond our control we can accept no liability for the results obtained.
Disclaimer	All information on this data sheet is based on laboratory testing and is not intended for design purposes. ITW Devcon makes no representations or warranties of any kind concerning this data.  For product information visit <a href="http://www.devconeurope.com">www.devconeurope.com</a> alternatively for technical assistance please call +44 (0) 870 458 7388 (UK) or +49 431 718830 (Germany).

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