

## SupaSil™

### 160 WET AREA SILICONE

#### PRODUCT DESCRIPTION

A premium quality 100% silicone, moisture curing, neutral sealant suitable for sanitary applications. It contains a powerful fungicide to defend against mould and mildew growth in hot and humid areas. Once cured it is elastic, waterproof and can withstand high joint movement of  $\pm 25\%$ . It is UV resistant and not affected by weather, so ideal for internal and external use.

#### APPLICATIONS

It is ideal for use in bathrooms, laundries, and kitchens for sealing basins, baths, toilets, shower screens, vanities, spas, and plumbing fixtures with strong adhesion to glass, tiles, non-porous stone, vitreous china, metals, concrete, most plastics (pre-test).

#### FEATURES

- **100% silicone, contains no extenders**
- **Mould resistant**
- **Anti-fungal**
- **Highly elastic  $\pm 25\%$**
- **Low odour**
- **Meets GBCA limits for VOC of max 50g/L**

#### SURFACE PREPARATION

All surfaces must be clean, dry, sound and free from wax, dust, oil, rust, grease or any other contamination prior to the application of **SupaSil 160**. For best results clean non-porous surfaces prior with IPA or Prosil Cleaner 1.

#### APPLICATION INSTRUCTIONS

Cut nozzle at 45-degree angle to desired bead width and apply to substrate with sealant gun. Tooling time is 5-8 minutes and tack free time is 1 hour. Use approved backing material for joints over 10mm deep. Clean up uncured silicone with mineral turpentine, if cured remove mechanically.

#### TYPICAL PROPERTIES

PROPERTY	TYPICAL RESULT
<b>Technology</b>	Neutral (Oxime) 100%
<b>Curing Method</b>	Moisture Curing
<b>SAG/Slump @23°C:</b> JIS A 1439	No Slump (0.1% max)
<b>Shore A Hardness</b> ASTM D2240	< 28
<b>Skin Time</b> 25°C / 50% RH	5-8 mins
<b>Dynamic Joint Movement</b>	$\pm 25\%$
<b>Tensile Strength (MPa)</b> JIS K 6249	2.0
<b>Elongation @ Break</b> JIS K 6249	400%
<b>Cure Rate 10mm</b> 25°C / 50% RH	5-7 Days
<b>Operating Temp Range</b>	-60°C - 170°C
<b>Density (g/cm<sup>3</sup>)</b>	1.03-1.04
<b>VOC Content</b> SCAQMD Method 304-91	30 g/L

Values given in this list should not be used as specifications. All Data based on samples cured for 21 days @23°C and 55% R.H.

#### JOINT DESIGN

To allow the sealant to perform effectively, the correct joint design requires that the following sealant depth to width ratios be followed:

Rule: Joint widths < 12mm, width to depth ratio is 1:1								
<b>Width</b>	5mm	6mm	7mm	8mm	9mm	10mm	11mm	
<b>Depth</b>	5mm	6mm	7mm	8mm	9mm	10mm	11mm	
Rule: Joint widths < 12mm, width to depth ratio is 2:1								
<b>Width</b>	12mm	14mm	16mm	18mm	20mm	24mm	28mm	32mm
<b>Depth</b>	6mm	7mm	8mm	9mm	10mm	12mm	14mm	16mm

A suitable backer rod (open or closed cell) must be used to ensure that the correct joint depth is achieved.

## SupaSil 160 Wet Area Silicone

### STORAGE

12 months from date of manufacture if stored below 28°C

**Please read the product safety data sheet (SDS) prior to using this product. A copy is available on our website ([www.silicone.com.au](http://www.silicone.com.au)), or by contacting Admil directly.**

### LIMITATIONS

- Not suitable for structural glazing
- Not suitable for submerged joints where porous substrates permit water to the bind interface
- Not suitable for aquarium construction
- Should not be applied in contact with bituminous materials or some rubber products as these may contain components which can migrate into the sealant and result in staining or reduced performance.
- Complete painting before applying sealant, as sealant cannot be successfully painted over.
- Porous natural stone

Packaging	Size	Colour
Cartridge	300ml	Trans, White, Off White, Tile Grey, Light Grey, Mid Grey

### Notice

The information given and the recommendations made herein apply to our product(s) alone and not combined with any other product (s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchasers' responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.