



**Product description**

Water Seal is waterproof and contains a fungicidal to inhibit mould growth, which makes it ideal for general wet-area applications, such as bathrooms, kitchens and laundries. Water Seal is an acetic (acid) cure silicone sealant for wet area glazing, tiling and fixtures.

**Recommended uses**

- Sealing vanity basins to bench tops
- Glazing shower installations
- Internal corners of tiled walls
- Sealing baths to tiles
- Sealing spa baths to tiles
- Kitchen and laundry sinks
- Splash backs

**Suitable for use on**

- Glass
- Anodised aluminium
- Colour coated steel and aluminium
- Timber
- Laminate
- Acrylic
- Stainless steel
- Vitreous enamel
- Glazed ceramics
- Unglazed ceramics

**Features and benefits**

- Waterproof -retains adhesion and flexibility in contact with water
- Permanently flexible
- Sag resistant - no sagging or running
- Mould and mildew resistant
- Excellent flexibility - joint movement +/-25%
- Strong adhesion

**Precautions**

- Not for permanent immersion including
  - Swimming pools
  - Aquariums / Fish tanks
- No recommended for use on:
  - Mirrors
  - Laminated glass
  - Reflective glass
  - Teflon
  - Polypropylene
  - Polyethylene
  - PVC
  - Brass and bronze
  - Concrete, cement or masonry
  - Stone
  - Galvanised steel
  - Materials containing bitumen

- Not recommended for:
  - Structural glazing
  - Foot and vehicle traffic
  - Automotive or marine applications
- Not paintable

**Typical Properties**

Property	Typical Value
Chemical type	Acetoxy silicone
Skin time BS5889	6 mins
Tack free time ASTM C679	30 mins
Tool working time ASTM C679	Up to 10min @ 25°C 50% RH
Slump MIL-A-4106A	None
Application temperature	-10 to 40°C
Cure rate	1.3mm / 24 hours
Service temperature	-50 to 150°C
Max. joint movement ASTM C920	±25%
Tensile strength ASTM D412	1.80N/mm <sup>2</sup>
Modulus at 100% elongation ASTMD412	0.40N / mm <sup>2</sup>
Elongation at rupture ASTMD412	520%
Peel strength after UV through glass FED TT-S-00-1543A	50N/25mm
Cure hardness ASTM C661	Shore A20

**Skimming Time**

Up to 10 minutes at 25°C and 50% relative humidity. Cooler temperatures and / or lower humidity will result in longer skimming time. Higher temperatures and / or humidity will result in faster skimming time.

**Cure**

Water Seal cures by reaction with moisture in the air so cure starts from the air exposed surface and propagates through the sealant at a rate of about 1.3 mm per 24-hour period (9 mm in 7days).

**Clean up**

Clean up uncured material and equipment immediately after use with mineral turps. Cured Water Seal is difficult to remove. Masking around joints before application of sealant is recommended to avoid clean up and to provide a neat finish.

**Colours, Pack Sizes and Order Numbers**

Colour	Pack Size	Order Number
Translucent	300ml cartridge	WRSLTRG300

**Storage**

Store between 5°C and 30°C. Shelf life is 1 year in original unopened container.

**Health and Safety**

Avoid contact with the skin, eyes and avoid breathing vapour. For more detailed information refer to the Material Safety Data Sheet. Call 0800 726 738 or visit the website [www.ramset.co.nz](http://www.ramset.co.nz)