

Supaseal RTV-1 Neutral Silicone

Dated: 14/11/14

100% Neutral Curing Professional Silicone

PRODUCT DESCRIPTION

Supaseal RTV-1 100% Neutral Silicone is designed for general purpose glazing, industrial, and automotive sealing applications where, excellent adhesion, long term reliability is required. It reacts with atmospheric moisture to produce a form in place silicone rubber seal. Weathering and UV resistance is excellent.

PRODUCT FEATURES

Displays excellent adhesion to most common building materials including : glass, aluminium, galvanised steel, concrete, wood, ceramics plastics, and most powder coated surfaces.

- **Movement capability + 25%**
- **Superior Adhesion**
- **Will not corrode metals**
- **Low Slump**
- **Low VOC <5%**
- **AS4020 Approved Potable Water**

APPLICATIONS

SupaSeal RTV-1 is ideal in applications such as:

- General purpose glazing and weather sealing **BS 5889 building approved**
- Roofing, gutters, and rainwater tanks **AS4020 Approved Potable Water**
- Electrical sealing and insulation
- Automotive, caravan, and truck body sealing, and assembly

LIMITATIONS

Supaseal RTV-1 is not recommended for use: On submerged joints where porous substrates permit water to the bond interface. In aquarium construction and structural glazing.

For certain rubber products where bleeding of plasticiser may occur, check with us if unsure or test on a sample section.

| PROPERTY | VALUE |
|---------------------------|----------------------|
| Curing Method | Neutral (Oxime) 100% |
| Slump/Sag | No Slump |
| Hardness (ASTM D2240) | 28 Shore A Hardness |
| Tensile Strength | 20 KGF/CM2 (2.0 MPA) |
| Joint Movement | +/- 25% |
| Elongation | 400% |
| Skin Time @ 20°C & 50% RH | 5-10 minutes |
| Specific Gravity | 1.04 g/ml |
| Cured Temperature range | -60 to 170°C |

Values given in this list should not be used as specifications. All Data based on samples cured for 21 days @23oC and 50% R.H.

SURFACE PREPERATION

All surfaces must be clean, dry, sound, and free from dust, oil, rust, or any other contamination. Metals should be cleaned with a non-oily solvent soaked clean cloth. Solvent should be wiped from the surface with a clean dry cloth. Use an alcohol such as methylated spirits on glass. When used on remedial work all existing sealant must be removed.

APPLICATIONS INSTRUCTIONS

Cut nozzle at a sharp angle slightly wider than the desired bead. Extrude sealant with a gun and tool with a round spatula within 10 minutes to spread the sealant against the joint surfaces.

SupaSeal RTV-1 Technical Data Sheet

PACKAGING

Admil SupaSeal RTV-1 is available in 300ml Cartridges, 400ml & 600ml Sausages

COLOURS

Available in Translucent, White, Black, Light Grey.
Other special colours available on request

STORAGE

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

HEALTH AND SAFETY

This product emits Methyl Ethyl Ketoxime whilst curing, which is hazardous. Use in well-ventilated areas, and avoid breathing vapours.

Contact with uncured product will irritate eyes.
In case of eye contact immediately flush with Water for 15 minutes and seek medical advice.
Avoid contact with skin or clothing.

Keep our of reach of children

Admil SupaSeal RTV-1 MSDS available upon request

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.