



PURPOSE:

- For weather sealing in glass curtain wall joints.
- For weather sealing in aluminum, enamel curtain wall joints.
- For sealing in marble (granite), concrete, tile, metal panel materials, etc.
- Many other building & Industrial uses.

CHARACTERISTICS:

- VALUE SEAL silicone sealant belongs to RTV-1, good extrusion and thixotropy between 4°C~40°C. Easy to use.
- Neutral curing, non-corrosive to metal, coated glass, concrete, marble, and most kinds of plastic, etc.
- Excellent adhesion, middle modulus, and excellent movement capability.
- Excellent resistance to weather.
- Excellent resistance to low and high-temperature change. Little changes of performance at -40°C~150°C.
- Excellent adhesive to most common building materials, Special materials will have a better adhesive with priming.
- Good compatibility with other neutral silicone sealants.
- Belong to non-dissolvent product, low

vulcanization shrinkage and Eco-friendly.

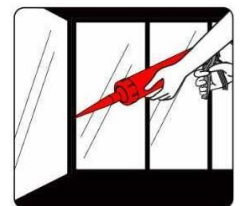
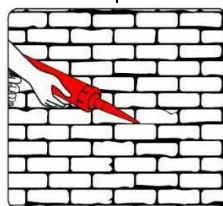
- VALUE SEAL silicone sealant also is a high-performance sanitary silicone sealant containing anti-fungal compounds to prevent mold growth in areas subject to high humidity levels.

RESTRICTION OF USAGE:

- Can't be used as a structural sealant.
- Unsuitable for the surface of all kinds of material that can effuse grease, plasticizer, or solvent.
- Unsuitable for the air-proof location because it is required to absorb moisture in the air to cure for the sealant.
- Unsuitable for frosty or moist surfaces.
- Unsuitable for a continually soggy or moist place.
- Can't be used the product if the temperature is below 4°C or above 40°C on the surface of the materials.

SAFETY:

- Non-toxicity when cured.
- Avoid eye contact before curing. If this happened, rinse with water carefully for a count of minutes, then consult with a doctor.
- Keep away from children.
- Ensure adequate ventilation at the workplace or curing area.



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| NO | Item | Data |
|----|------------------------------|--|
| 1 | Type | Neutral |
| 2 | Density (g/cm ³) | 1.3 |
| 3 | Capacity movement | ± 30% |
| 4 | Skimming time | 10-20 minutes |
| 5 | Drying time (2mm/h) | 10-14 hours |
| 6 | Drying (4mm/h) | 18-22 hours |
| 7 | Max. Tensile strength (MPA) | 1.8 |
| 8 | Hardness shore | 22 ± 2 |
| 9 | Elongation at Break (%) | ≥ 450 |
| 10 | Modulus Mpa (100%) | 0.6 |
| 11 | Application Standard | GB/T14683-2003 Silicone Sealant for Building |
| 12 | Packing Specification | 300ml |
| 13 | Temperature resistance | -50°C to + 100°C |
| 14 | Shelf Life | 12-months below 25°C storage (unseal) |
| 15 | Adhesive | OK |
| 16 | Weatherproof | OK |
| 17 | Cold-hot adhesive | OK |
| 18 | Under water adhesives | OK |
| 19 | Elastic Recovery Ratio (%) | 98 |
| 20 | Application temperature | -20°C to +40°C |
| 21 | Color | Black, White, Grey, Clear |
| 22 | Mass-loss Rate (%) | 9.6 |

Skin drying time and full drying time under: 23°C and 50% humidity