

# SR 400

SSG 1 component silicone sealant

**DAEHEUNG CHEMICAL**

SR 400 is a RTV(Room Temperature Vulcanizing) silicone sealant for construction materials. It has a safety factor of 5 : 1 or more, which is a necessary condition for SSG (Structural Sealant Glazing System)

## 1. Uses

- Structural glazing (SSG)
- A structural panel that requires a high tensile strength

## 2. Characteristics

- KS F4910 G-25HM (High Modulus)
- ASTM C-1184 grade
- Remains flexibility at low -48°C and high 120°C temperature
- Excellent weather resistance.
- Excellent physical property

## 3. Physical properties

Properties	Value
Main component	Silicone polymer
Curing system	Moisture curing
Crinig type	Alcohol
Appearance	Soft paste
Specific gravity	1.35~1.40
Color	Black, Gray
Skin over time	Max. 60min(23°C, 50% RH)
Full curing time	72hr(3mm / 23°C, 50% RH)
Hardness	35~45(Shore A)
Tensile strength	Min 1.5/cm <sup>2</sup> (ASTM D412)
Elongation	Min.300%(ASTM D412)
Temprature resistance	-48~120°C
Shelf life	1 year in unbroken package under dry and cool condition

## 4. How to use

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- **Joint**

Check the joint that is considered the seal and repair of the construction materials that draw the plan.

- **Clean and dry**

Clean and remove oil, dust, impurities on surface..

- **Masking tape**

Use masking tape to protect adjacent surfaces.

- **Back-Up material installation**

Back-up material is the polyethylene foam or polyurethane foam .

- **Primer**

Primer can be used only when it is necessary. It can also be used to increase, its supplementary of adhesive strength if a sealant can't get an adhesive strength.

- **Sealant caulking**

Apply positive pressure adequate to properly fill and seal the joint width.

- **Tooling**

Shave the surface of the sealant in same angel by the rubber knife or scoop.

- **Masking tape & Sealant cleaning**

When the tooling is over, just remove the masking tape.

Excess sealant should be cleaned from glass, metal, plastic surfaces while still uncured.

If it is cured, please use the knife.

## 5. Caution

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- The cartridge should not be exposed to direct sunlight & shall be kept in a cool and dry place.
- Use with adequate ventilation and avoid prolonged breathing of vapors.
- Prolonged or repeated skin contact might cause irritation.
- In the event of eye contact wash thoroughly with water and consult a physician immediately.
- Don't use except for the original purpose.
- Don't use to mix with hot-melt.
- Don't use double-layer glass, fishbowl, professional SPEC.

## 6. Packaging

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- 300ml cartridge

Please contact us for further information or see Material Safety Data Sheet (MSDS) for this product.

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