

# SR 700

Joint of panel Silicone Sealant

**DAEHEUNG CHEMICAL**

**SR-700 is one-component, fluidity is excellent. This product is suitable for construction and Expansion Joint of public works.**

## 1. Uses

- Sealing of exterior window and door
- Sealing of exterior panel joint
- Sealing of exterior joint with large mobility

## 2. Characteristics

- Easy to use as one-component.
- Weather ability and thermal resistance is excellent.
- Excellent restoration and good stability by high elongation.
- Excellent adhesion.
- When applying porosity possession, it needs primer application.

## 3. Physical properties

Properties	Value
Main component	Silicone resin
Curing system	Moisture curing
Curing type	Oxime
Color	Gray, White, order made color
Solvent	None
Specific gravity	1.23~1.25
Tack free time	Max. 30min (23℃, 60%RH)
Curing full time	2 ~ 6days (standard thickness : 3mm)
Hardness	15~25 (shore A)
Tensile strength	Min. 10kgf/cm <sup>2</sup>
Elongation at break	About 1000%
Available temperature range	-20℃~50℃
Shelf life	1year in unbroken package under dry and cool condit on

## 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**

Remove oil, dust, impurities that is obstructed the sealant adhesion.

- **Masking tape**

It is installed to the clean up adhesion parts for constructing the primer spread and sealant.

- **Back-Up material installation**

It's good choice the polyethylene form or polyurethane form more than real size when you install the back-up material.

- **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**

After cutting the nozzle of instrument properly in joint width and inserting the nozzle in the joint deeply. In addition to moves the sealant slowly.

- **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.
- Please attend the sealant in somewhere which is polluted or not.
- The remainder must be removing to the solvent of the toluene.
- If it is hardened, please use the knife.

## 5. Caution

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- Avoid direct rays of the sun and keep in 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.

TECHNICAL DATA SHEET - SR 700

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