

Sx-7000

*Weather Seal
Neutral Cure Silicone Sealant
± 50% Movement Capability*



Weatherproof High Performance Silicone Sealant

Sealex Sx-7000 is a high performance weatherproof silicone for all weather sealant designed with $\pm 50\%$ movement capability according to ASTM C719:2005 Class 50. Sx-7000 is suitable for both indoor and outdoor general glazing and will remain flexible, will not crack, crumble, shrink nor dry-out and is unaffected by sunlight (UV radiation), rain, snow, ozone and extreme temperature.

Specified for high movement joints like metal expansion joints, curtain walls and facades

Class 50 glazing sealant tested to ASTM C719:2005 for $\pm 50\%$ movement capability joint applications

Ideal as a glazing sealant between glass to aluminum and other construction materials

Weatherproof permanently flexible yet watertight throughout its life span unaffected by UV radiation

High performance in all weather and extreme temperatures environment

One part easy to use that requires no priming in almost all construction substrates

Neutral cure suitable for all steel construction material



Features	Benefits
High Movement Capability $\pm 50\%$	When cured, Sx-7000 exhibits $\pm 50\%$ cyclic movement capability in extension and compression withstanding all weather conditions (ASTM C719:2005)
All Weather Durability	Cured Sx-7000 displays excellent long-term resistance to all weather that include: extreme temperatures, ozone, ultraviolet radiation, rain and snow.
Excellent Unprimed Adhesion to most material	Sx-7000 has excellent adhesion to most construction material including metal sheet, galvanized steel, most painted surfaces, anodized aluminum, glass, concrete, brick, fiberglass and non-oily woods.
Permanently Flexible	Cured Sx-7000 is permanently flexible with life-expectancy of more than 20 years and will neither crack, crumble nor dry out.
Excellent Anti-Corrosion Barrier	Sx-7000 provides an excellent barrier between dissimilar metals where electrolytic corrosion can be a severe problem.
Ready to Use	One part, neutral cure that quickly cures at room temperature by reaction with moisture in the air to produce 100% silicone rubber.

Applications

- Professional weather sealing and glazing
- Curtain walls and building facades
- Pre engineered building
- Metal roofing and walling
- Fiberglass and polycarbonate skylight
- Aluminum to glass glazing
- Other general sealing applications

* not applicable for structural glazing

Technical Specification

Uncured Sealant - Tested at at 25 °C and 50 % RH

TACK-FREE TIME	40 min. or less.
FLOW, SAG OR SLUMP	Non-sag.
WORKING TIME (TOOLING)	15 min. (Before sealant skin forms.)
CURING TIME (3 mm. BEAD)	24 hours
EXTRUSION RATE	33.5 ml / min
Cured Sealant - After 7 days at 25 °C and 50 % RH	
DUROMETER, SHORE A	36 points
TENSILE STRENGTH (ASTM C1135)	1.4 Mpa
SERVICE TEMPERATURE	- 50 °C to + 150 °C
MOVEMENT CAPABILITY	$\pm 50\%$
PEEL STRENG	84.2 N

Compliance and Approvals

- ASTM C920, Type S, Grade NS, Class 50 – tested by TUV SUD
- ASTM D412 Result (Tension for elastomeric Sealant)
- ASTM C1135 Result (Tensile Adhesion Properties of Structural Sealant with aluminium substrate)

Limitation

Sealex : Sx 7000 is not recommended for use in continuous water immersion nor for below ground or other joints where excessive abrasion and physical abuse are encountered. It should not be applied to :

- Building material that bleeds oil or plasticizer.
- Totally closed area where sealant is not exposed to atmospheric moisture.
- Any uncured sealant apart from **Sealex : Sx 7000**

Size of Packaging

500 ml.
(Sausage)



Accessory



SCAN QR CODE FOR PRODUCT
VIDEO AND INFORMATION