



Architectural Coatings

Mulco Universal Silicone Sealant, Windows, Doors and Siding

GENERAL DESCRIPTION

MULCO® UNIVERSAL SILICONE is a single-component silicone sealant suitable for both interior and exterior applications. It effectively seals joints around door frames, window frames, siding, and glass that are subject to movement. With its versatility and ease of use, it is an ideal choice for numerous uses, including glass, fibreglass, painted wood, ceramic, and most metal surfaces.

RECOMMENDED SUBSTRATES

Seals joints between two perpendicular or juxtaposed surfaces subject to thermal movement around door and window frames, siding, and glass in window frames. Adheres and seals ceramic, glass, most metals, painted wood, most fibreglass, and certain plastics.

FEATURES / BENEFITS

- Interior and Exterior.
- Easy to apply on a variety of surfaces including ceramic and fibreglass.
- All-weather application (-20°C to 50°C)
- Excellent elasticity.
- Resists sagging.
- Cured sealant is mold and mildew resistant.

PRODUCT INFORMATION / PACKAGING

Mulco 300 mL Tube: 111000X Clear*, 111010X White*

**Colour shown is produced using a printing process. There may be a slight difference between the colour shown and the actual product.*

LIMITATIONS OF USE

Do not apply on bare metal subject to rusting.
Do not use on areas where asphalt was previously applied.
Not intended for joints that will be submerged or exposed to abrasion (foot traffic).

Adhesion to materials not specifically mentioned are not guaranteed.

PRODUCT DATA

COMPOSITION: Multipurpose, architectural one component moisture curing silicone sealant.

COLOUR: Clear and White.

APPEARANCE: Thixotropic and homogeneous paste, free of lumps and easy to extrude.

MATERIAL TEMPERATURE: - 37 to 65°C (- 35 to 149°F)

APPLICATION TEMPERATURE: - 37 to 65°C (- 35 to 149°F)

SERVICE TEMPERATURE: - 57 to 204°C (- 70 to 400°F)

DENSITY: ASTM D1475: 8.5 lbs./gal

CONSISTENCY AND VISCOSITY: Non-sag in normal use; 450,000-902,000 cps.

APPLICATION METHOD: Caulking gun.

EXTRUDABILITY: Easy to gun at room temperature.

EXTRUSION RATE: 60 g/min at 40 psi

HARDNESS (SHORE A): ASTM C661: 25

TENSILE STRENGTH: ASTM D412: 250 psi (1.7 MPa)

ELONGATION AT BREAK: ASTM D412: > 250%

SKIN FORMATION TIME: 10-15 minutes (21°C (70°F), 50% Relative Humidity).

CURE RATE: 24 hours at room temperature.

FULL CURE: < 1 week.

COVERAGE: 8 m for a 7 mm bead.

FLAMMABILITY*: Non-flammable under normal conditions of use.

FLASH POINT*: Over 93°C (200°F).

FREEZE/THAW STABILITY: Stable

SHELF LIFE: One year from date of purchase.

CLEANER (wet product): Use mineral spirits before product dries and hardens.

CLEANER (dry product): Use a putty knife and a silicone stripper; Be careful not to damage adjacent surfaces with solvent.

CLEANER (skin contact): As soon as possible, wash with mineral oil, then wash carefully with soapy water, and rinse.

VOC*: ASTM D2369: < 23 g/L

SPECIFICATIONS: Meets the performance requirements of ASTM C920, Type S, Grade NS, Use NT, G, O

*Technical data source: 111010X, White.

GENERAL SURFACE PREPARATION/APPLICATION

SURFACE PREPARATION: Surface must be like new, clean, dry, and free from grease, oil, soap, asphalt, and loose or foreign materials.

APPLICATION: Can be applied at temperatures between -37°C (-35°F) to 65°C (149°F). The product is waterproof for indoor and outdoor use. Unscrew nozzle, cut off plastic tip of cartridge, screw back nozzle, and cut to required size that will allow a bead between 6 and 10 mm in width. Insert into cartridge gun. **Apply a convex bead.** If tooling is necessary, it must be done immediately as surface will skin in 10 to 15 minutes. The silicone is fully cured in 7 days.



DO NOT PAINT.

STORAGE: Freeze/Thaw stable.

CLEANUP: Remove excess silicone immediately using a clean cloth dampened with paint thinner. Clean tools with mineral spirits. Wash hands with soap and water.

DISPOSAL: Consult your municipality about proper disposal procedure of residue in accordance with the laws and respect the environment.

PERMISSIBLE TEMPERATURES DURING APPLICATIONS

Material:	- 37 to 65°C	- 35 to 149°F
Ambient:	- 37 to 65°C	- 35 to 149°F
Substrate:	- 37 to 65°C	- 35 to 149°F

PRECAUTIONS

For warning information, please refer to the SDS and label.

SDS, spill, and emergency information are available by calling 1-833-477-1553.

LIMITED WARRANTY: This product is covered by a Limited Warranty. For details, visit www.mulco.ca/en-ca/limited-warranty or call 1-866-660-2220.

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