



Architectural Coatings

Mulco Supra Elite, Hybrid Sealant, Windows, Doors &amp; Siding, Interior/ Exterior

## GENERAL DESCRIPTION

High-performance architectural sealant and easy-to-use in a wide range of outdoor or indoor applications. Based upon hybrid polymer technology to obtain a combination of properties to resist Canadian climatic conditions. "SUPRA ELITE" cures by chemical reaction with moisture to an elastic product.

## RECOMMENDED SUBSTRATES

Seals joints between two perpendicular surfaces: door and window frames, wall siding, etc. Excellent adhesion on most construction materials including wood, vinyl, aluminum, cement board, and fibre-board siding. Permanent elasticity.

## FEATURES / BENEFITS

- Premium, hybrid sealant for high performance.
- Bubble-free, even on porous surfaces.
- Flexible and easy to tool.
- Instant rain resistance.
- Paintable after 24 hours (the translucent sealant can not be painted).
- Cured sealant is mold and mildew resistant.

## PRODUCT INFORMATION / PACKAGING

Mulco 300 mL Tube: 107010, 107110, 107700, 107701, 107703, 107704, 107705, 107706, 107707, 107708, 107710, 107714, 107716, 107720, 107724, 107725, 107726, 107727, 107728, 107729, 107730, 107740, 107741, 107742, 107743, 107744, 107745, 107950.

## LIMITATIONS OF USE

Do not use on polypropylene, polyethylene, polybutylene, polycarbonate, recycled plastic, Teflon or other comparable materials.

Is not intended for joints submerged in water for prolonged periods of time, for floor joints, for structural glazing joints or where continual exposure to aggressive solvents or chemicals will occur.

**Adhesion to materials not specifically mentioned are not guaranteed.**

## PRODUCT DATA

**COMPOSITION:** Architectural sealant based upon a hybrid polymer curing by chemical reaction with moisture to an elastic product.

**COLOUR:** Consult our colour guide.

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

**MATERIAL TEMPERATURE:** 10°C to 30°C (50°F to 86°F).

**APPLICATION TEMPERATURE:** -10 to 40°C (14 to 104°F)

**SUBSTRATE TEMPERATURE:** -25 to 50°C (-13 to 122°F)

**SERVICE TEMPERATURE:** -50 to 100°C (-58 to 212°F)

**APPLICATION METHOD:** Manual pneumatic caulking gun.

**EXTRUDABILITY:** Easy to gun at room temperature.

**SLUMP OF SEALANT:** ASTM D2202: 0 mm.

**HARDNESS (SHORE A):** ASTM C661: 46.

**ELONGATION:** ASTM D-412: 300%.

**LOW TEMPERATURE FLEXIBILITY:** ASTM C-793: Pass -30°C (-22°F).

**UV RESISTANCE:** ASTM C-1442 UV: Excellent (no cracks).

**DENSITY:** 1.4 g/cm<sup>3</sup>.

**TACK FREE TIME:** ASTM C-679: < 60 minutes.

**DRY TO TOUCH:** < 48 hours at room temperature.

**FULL CURE:** < 2 weeks.

**COVERAGE:** 17 m for a 6 mm bead.

**FLAMMABILITY\*:** Non-Flammable; combustible when dry.

**FREEZE/THAW STABILITY:** Stable

**SHELF LIFE:** One year from date of purchase.

**CLEANER (wet product):** Use mineral spirits.

**CLEANER (dry product):** Use a putty knife and mineral spirits or another effective solvent; Be careful not to damage adjacent surfaces with solvent.

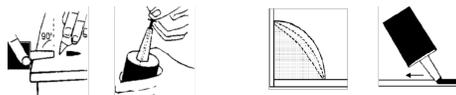
**VOC\*:** ≤18 g/L

\*Technical data source: 107110, Glacier White.

## GENERAL SURFACE PREPARATION/APPLICATION

**SURFACE PREPARATION:** Surface must be like new, clean, dry, and free from loose or foreign materials, condensation, frost, and ice.

**APPLICATION:** Can be applied between -10°C (14°F) and 40°C (104°F) and the temperature must be at least 3°C (5°F) above dew point. Product must be above 10°C (50°F) and should be below 30°C (86°F) when applied. Cut nozzle tip at a 90° angle and leave an orifice that will allow a bead between 6 and 16 mm in width. Pierce the seal inside the nozzle. Use a caulking gun and apply a uniform, **convex bead**, pulling the gun away from the bead as shown. The angle of the caulking gun should be approximately 45°. Make sure the sealant makes at least 3 mm (1/8 in.) contact with each surface of the joint. Do not tool the bead to avoid defects during drying.



Does not require painting; however it can be painted with latex paint over 24 hours after application (compatibility testing recommended prior to application). However, as with all elastomeric sealants, coatings may cause undesirable side effects as a reduction in its flexibility.

**Note: The translucent sealant cannot be painted.**

**STORAGE:** Freeze/Thaw stable.

**CLEANUP:** 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:	10 to 30°C	50 to 86°F
Ambient:	-10 to 40°C	14 to 104°F
Substrate:	-25 to 50°C	-13 to 122°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](http://www.mulco.ca/en-ca/limited-warranty) or call 1-866-660-2220.

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