

SOLAR SEAL® #900

DESCRIPTION:

Solar Seal® #900 is a high performance terpolymer elastomer caulk, designed to be used for termination applications within the Duro-TECH® TPO Roofing Systems.

Solar Seal #900 can be used to caulk Duro-TECH TPO membranes to sheet metal, wood, masonry, brick and concrete block.

NOTE: NOT FOR USE IN CALIFORNIA

ORDERING:

Refer to Application step 3.a. for approximate coverage rates. Refer to the Duro-TECH TPO Roofing System specification located on the [Duro-Last® website](http://www.duro-last.com) for additional application guidelines.

Solar Seal #900 is available in 10.3 oz (292 g) cartridges.

- White (Item #1136TW)

PRECAUTIONS:

- **WARNING: COMBUSTIBLE**
Keep away from heat, sparks, and open flames.
Do not install while smoking.
- KEEP AWAY FROM CHILDREN.
- Keep away from potable water storage systems.
- Do not apply when substrate temperature exceeds 0° – 125° F (-18° – 52° C).
- Read Safety Data Sheets ("SDS") prior to using. SDS can be found on the [Duro-Last website](http://www.duro-last.com).
- Wear proper personal protective equipment, such as gloves and eye protection, per the SDS.

INSTALLATION:

1. General

- Do not tool inside corner joints.
- Do not apply when substrate temperature exceeds 0° – 125° F (-18° – 52° C).
 - Warm tubes in cool weather.
- Cure to thin skin: 24 hours.
Cure fully: 21 days.
- Paint: Acrylic- or latex-based, once skinned over (24 hours).

2. Substrate Preparation

- Surface must be clean, dry, and frost free.

3. Installation

- Apply a 3/8-inch (10-mm) bead to a structurally sound surface.
 - Estimated Coverage Rate:
 - 20 LF/cartridge (6.1 Lm/cartridge)
- Control joints (or butt joints):
 - Backer rod or bond breaker tape is required.
 - Tool control joints.
 - Back caulk all control joints.
- Clean excess caulk with a solvent such as xylene or mineral spirits, or by scraping.



STORAGE AND HANDLING:

- **WARNING: COMBUSTIBLE**
Keep away from heat, sparks, and open flames.
Do not install while smoking.
- Store product out of direct sunlight, tightly closed in a dry, cool, and well-ventilated place.
- Do not store in areas of ponding water.

Shelf Life

Shelf life of 2 years from date of manufacture while stored at 75° F (24° C).

SOLAR SEAL #900 PERFORMANCE DATA		
Property	Test Method	Results
Bond Cohesion	TT-S-230c	No bond loss
Shore A Hardness	TT-S-230c	30 average
Stain Index	TT-S-230c	N/A
Sag	TT-S-230c	No sag
UV & Cold Exposure	ASTM C920	No cracking
Elongation	ASTM D412	300 – 400%
Tack Free Time	ASTM C679	4 Hours
Adhesion-In-Peel	TT-S-1543	30 lb/in. (5,253.8 N/m)