

DURO-SHIELD® SILICONE ROOF PRIMER: TPO

DESCRIPTION:

Duro-Shield® Silicone Roof Primer: TPO (“TPO Primer”) is an adhesion promoter intended to aid adhesion of the Duro-Shield Silicone Roof Coating to new and aged TPO membranes.

TPO Primer is a solvent-based, blue pigmented base primer for coating TPO membrane substrates.

ORDERING:

Refer to Application step 3.b. for approximate coverage rates. Refer to the Duro-Shield Silicone Roof Coating Installation Guide located on the [Duro-Last® website](http://duro-last.com) for additional application guidelines.

TPO Primer is available in the following options:

- 1-gallon (3.8 L) pails (Item #4197)
- 5-gallon (18.9 L) pails (Item #4198)

STORAGE AND HANDLING

- **WARNING: EXTREMELY FLAMMABLE.** Keep away from heat / sparks / open flames / hot surfaces. **Do not install while smoking.**
- Store product out of direct sunlight, tightly closed in a dry, cool, and well-ventilated place.

Shelf Life

Shelf life of 2 years from the date of manufacture.

- Shelf life will be shortened if exposed to elevated temperatures.

PRECAUTIONS:

- **WARNING: EXTREMELY FLAMMABLE.** Keep away from heat / sparks / open flames / hot surfaces. **Do not apply while smoking.**
- **KEEP AWAY FROM CHILDREN.**
- Use **only** in well-ventilated areas.
- Read Safety Data Sheets (“SDS”) prior to using. SDS can be found on the [Duro-Last website](http://duro-last.com).
- Wear proper personal protective equipment, such as gloves and eye protection, per the SDS.
- Avoid breathing vapors.



INSTALLATION:

Labor & Material Warranties are available. Please contact your Duro-Shield Representative for requirements.

1. General

- Only apply product when the surface and ambient temperatures are between 35° – 100° F (2° – 37° C).
- Product should be stored between 50° – 80° F (10° – 27° C) for 24 hours prior to installation.
- Do **not** apply when rain, cold or nightfall are imminent.
- Thinning the product is **not** allowed.

2. Substrate Preparation, Cleaning Procedures, and Seam Treatment Prior to Coating

Repair the substrate by following *Substrate Preparation* instructions within the Duro-Shield Silicone Roof Coating Installation Guide.

3. Priming

- Mix** thoroughly before use.
 - A mechanical mixer is required to ensure sufficient mixing of contents.
- Apply** using a brush or roller (1-in. nap, min.)
 - Coverage Rate: 900 ft²/gal (22.1 m²/L)
 - Application should be as thin as possible.
- Allow to dry** for 1 to 2 hours.

CLEANUP:

Uncured product may be removed with methyl ester. Application equipment should be cleaned immediately after use with methyl ester.

DURO-SHIELD SILICONE ROOF PRIMER: TPO PROPERTIES		
	Test Method	Results
Weight	ASTM D1147	10 lb/gal (1.2 kg/L)
Color	–	Blue
VOC Content	EPA 24	< 0.8 lb/gal (< 100 g/L)
Viscosity	ASTM D2196	50 cps
Solids by Weight	ASTM D1644	2%
Solids by Volume	ASTM D2697	2%
Flash Point	ASTM D56	105° F (41° C)
Cure	–	1 – 2 hours