

DURO-SHIELD™ SILICONE ROOF PRIMER: TPO

DESCRIPTION:

Duro-Shield™ Silicone Roof Primer for TPO is an adhesion promoter intended to aid adhesion of the Duro-Shield Silicone Roof Coating to new and aged TPO membranes.

Duro-Shield Silicone Roof Primer for TPO is manufactured from a fast evaporating solvent carrier and adhesive resins. A blue pigment is added to the primer so that the applicator can better gauge application rates.

ORDERING:

Approximate coverage rate per gallon: 900 square feet. Refer to the Duro-Shield Silicone Roof Coating Installation Guide located on the Duro-Last website for specific application guidelines.

- 1-gallon pails (Item #4197)
- 5-gallon pails (Item #4198)

STORAGE AND HANDLING

- Store product tightly closed in a dry, cool and well-ventilated place.
- Keep out of direct sunlight.
- Shelf life is two years in an unopened container, from date of manufacture printed on product, when following these recommended storage procedures.

Example: 040218024

Date of Manufacture: 04/02/2018 Batch: 024

PRECAUTIONS:

- Read Safety Data Sheets (SDS) prior to using. SDS can be found on the Duro-Last website.
- Wear proper personal protective equipment, such as gloves and eye protection, per the SDS.
- Use only in well ventilated areas and avoid breathing vapors.
- Keep container closed when not in use.
- Do not expose closed containers to extreme heat.
- **Keep away from children.**



DURO-SHIELD SILICONE ROOF PRIMER: TPO PROPERTIES		
	Test Method	Results
Weight	ASTM D 1147	10 lb. / gallon
Color	—	Blue
VOC Content	EPA 24	< 100 g / L
Viscosity	ASTM D 2196	50 cps
Solids by Weight	ASTM D 1644	2%
Solids by Volume	ASTM D 2697	2%
Flash Point	ASTM D 56	105° F (41° C)
Cure	—	1 to 2 hours

INSTALLATION:**1. General**

- Only apply product when the surface and ambient temperatures are between 35° F (1° C) and 100° F (37° C). Product should be stored between 50° F (10° C) and 80° F (26° C) for 24 hours prior to installation.
- Do **not** apply when rain, cold or nightfall are imminent.
- Thinning the product is **not** allowed.
- Use a brush or roller (1-inch nap, min.) to apply.

2. Substrate Preparation

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

3. Cleaning Procedures

- a. Apply to surfaces which are clean, dry and free of oil, mildew, grease or any other contaminants. Follow *Cleaning Procedures* within the Duro-Shield Silicone Roof Coating Installation Guide.

4. Seam Treatment

- a. Repair all horizontal and vertical seams by following *Seam Treatment* instructions within the Duro-Shield Silicone Roof Coating Installation Guide.

5. Priming

- a. Stir until an even consistency is achieved. A slow-speed drill with mixer attachment is recommended.
- b. Apply at an approximate coverage rate of 900 square feet per gallon. Application should be as thin as possible.
- c. 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.