

## DURO-SHIELD™ SILICONE ROOF PRIMER: UNIVERSAL 2-PART EPOXY

**DESCRIPTION:**

Duro-Shield™ Silicone Roof Primer: Universal 2-Part Epoxy is a water-based 2-part epoxy that can be used as a primer over multiple substrates prior to applying the Duro-Shield Silicone Roof Coating. It is also an adhesion promoter for areas of ponding water and a bleed blocker over asphaltic roofs.

Duro-Shield Silicone Roof Primer: Universal 2-Part Epoxy can be used on the following roof substrates:

- Single-ply membranes:
  - Aged Duro-Last® PVC (polyvinyl chloride)
  - Other aged PVCs
  - EPDM
- Mineral and granule-surfaced built up (BUR) and modified bitumen
- Smooth-surfaced built up (BUR) and modified bitumen
- Aged galvanized metal

**ORDERING:**

Approximate coverage rate per gallon: 150 square feet (300 square feet for metal substrates). Refer to the Duro-Shield Silicone Roof Coating Installation Guide located on the Duro-Last website for specific application guidelines.

- 5-gallon kit (A and B pails) (Item #4252)

**STORAGE AND HANDLING**

- Store product tightly closed in a dry, cool and well-ventilated place.
- Keep out of direct sunlight.
- Keep product from freezing.
- Shelf life is one year 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



DURO-SHIELD SILICONE ROOF PRIMER: UNIVERSAL 2-PART EPOXY PROPERTIES		
	Test Method	Results
Weight	ASTM D 1475	11.6 lb. / gallon
Color	–	Gray
VOC Content	EPA 24	85 g / L
Viscosity	ASTM D 2196	15,000 cps
Solids by Weight	ASTM D 1644	62%
Solids by Volume	ASTM D 2697	44%
Flash Point	ASTM D 56	Nonflammable
Cure	–	First coat: 1 to 2 hours Final coat: 8 hours

**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.
- **Keep away from children.**

**INSTALLATION:****1. General**

- **Only apply product when the surface and ambient temperatures are between 40° F (4° C) and 100° F (37° C). Product should be stored between 50° F (10° C) and 90° F (32° C) for 24 hours prior to installation.**
- Do **not** apply when rain, cold or nightfall are imminent. Humidity should be below 90%.
- Thinning the product is **not** allowed.
- Use a brush, roller (1-inch nap, min.), or airless sprayer to apply. Best results are obtained when using an airless sprayer. Care should be taken when using an airless sprayer to apply Duro-Shield silicone products. Wind-blown over-spray may damage property adjacent to the project site.

**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. In a clean 5-gallon pail, stir equal amounts of parts A and B together until an even consistency is achieved. A slow-speed drill with mixer attachment is recommended. Expected pot life under normal conditions is approximately 4 hours after mixing.
- b. Apply at the following approximate coverage rates:
  - All metal substrates – 300 square feet per gallon.
  - All non-metal substrates – 150 square feet per gallon.
- c. Allow to dry for at least 8 hours.

**CLEANUP:**

- Uncured product may be removed by wiping with warm water, soap and a clean cloth.
- Application equipment should be cleaned immediately after use with warm water, soap and a clean cloth.