

## DURO-SHIELD™ ACRYLIC ROOF PRIMER

### DESCRIPTION:

Duro-Shield™ Acrylic Roof Primer is an acrylic latex formula which provides superior bonding and sealing properties on various substrates.

Duro-Shield Acrylic Roof Primer is required on the following substrates when used in conjunction with Duro-Shield Acrylic Roof Coating:

- Metal (rusted areas only)
- BUR (built-up roofing)
- Modified bitumen

Duro-Shield Acrylic Roof Primer **cannot** be used over TPO (thermoplastic polyolefin).

### ORDERING:

- 1-gallon pails (Item #4100)
- 5-gallon pails (Item #4150)

### STORAGE AND HANDLING

- Protect product from freezing.
- Product must not be shipped in temperatures less than 40° F (5° C).
- Store product between 60° F (16° C) and 80° F (27° C), out of direct sunlight, for maximum shelf life. Shelf life is one year in an unopened container, from date of manufacture, when following these recommended storage procedures.

### PRECAUTIONS:

- Read Safety Data Sheets (SDS) prior to using.
- 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 ACRYLIC ROOF PRIMER PROPERTIES		
Weight	10.95 lb. / 1-gallon	54.75 lb. / 5-gallon
Color	Gray	
Gloss	Flat	
VOC Content	48.2 g / L	
Viscosity	88 ku at 75° F	
Total Solids	49.4% (by weight) – 35.8% (by volume)	
Resin	Acrylic emulsion	
Odor	Slight ammonia	
Flash Point	None	
Dry Time 75° F and 50% relative humidity	Touch	.25 to .50 hours
	Recoat	2 to 3 hours
	Full cure	24 hours

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

- **Only apply product when ambient temperature is at least 50° F (10° C) and rising. Product must be stored between 60° F (15° 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, 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 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 Acrylic 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 Acrylic Roof Coating Installation Guide.

**4. Seam Treatment**

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

**5. Priming**

- a. Stir until an even consistency is achieved. A slow-speed drill with mixer attachment is recommended.
- b. A minimum thickness of 6 dry mils must be achieved.
  - a. BUR and modified bitumen substrates:  
Approximate coverage rate of 150 square feet per gallon
  - b. All other substrates:  
Approximate coverage rate of 300 square feet per gallon
- c. Allow to dry for 24 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.