



# Duro-Shield™ Acrylic Coatings FAQ's

## What size containers are Duro-Shield Acrylic coatings available in?

Duro-Shield Acrylic coatings will be stocked in five-gallon pails. Fifty five-gallon drums and 250-gallon totes are also available upon request, however these volumes are made-to-order and require a longer lead time.

## What conditions need to be in place to apply Duro-Shield Acrylic products?

- Flat roofs must have adequate drainage that prevents ponding water.
- Substrates must be at least 50 degrees Fahrenheit to apply Duro-Shield Acrylic primer and coatings.
- Some single-ply membranes may chalk as they age. For these materials, it is important that Duro-Shield Acrylic is applied before the membrane starts to crack. If a newer membrane still appears glossy, use sandpaper or a deglossing agent to gently remove the gloss from the surface. Then use a primer and top coat, or wipe it down with acetone.
- Some metal roofs may corrode as they age. Before applying Duro-Shield Acrylic to metal substrates, rust must be neutralized and removed to eliminate further corrosion and potential bleed-through.
- As built-up (BUR) and modified bitumen roofs age, the asphalt-based materials shrink, blister and dry out. Coating these materials before cracks form and seams split can help prevent water infiltration and damage.

## How long do I need to wait before applying a second layer of coating? How long until the coating is fully cured?

Wait a full 24 hours between coats. Coatings will fully cure in 7 to 10 days.

## How do you clean a roof to prepare it to be coated with Duro-Shield Acrylic?\*

- Kill and remove any living organisms such as algae, mold or fungus with a fungicidal treatment. Ensure that the substrate will not be adversely affected by the treatment.
- Pressure wash (1,000 psi maximum) with water and/or approved cleaner. Do not damage or inject water into the substrate during washing. Allow to dry completely.
- Use a stiff bristle push broom to remove all dirt, dust, loose particles, and other contaminants that may interfere with proper adhesion.

## What else do I need to do to condition the substrate to prepare it to be coated with Duro-Shield Acrylic?\*

- All screws and seams must to be caulked with Duro-Last® Duro-Caulk® Advanced, Duro-Shield Brush Grade Mastic, or approved sealant before applying Duro-Shield Acrylic coatings. Caulk needs to cure for 24 hours before coating can be applied.
- Duro-Shield Acrylic Primer requirements:

	Metal	BUR/Modified Bitumen	Duro-Last PVC Membrane	Aged PVC, EPDM
Duro-Shield 10	Primer Required - Rusted Areas Only	Primer Required	Primer <b>Not</b> Required	Primer <b>Not</b> Required
Duro-Shield 20	Primer Required - Rusted Areas Only	Primer Required	Primer <b>Not</b> Required	Primer <b>Not</b> Required

\* Refer to the Acrylic Installation Guide for more information - available on the Duro-Last website at [www.duro-last.com/duroshield](http://www.duro-last.com/duroshield)



### What kinds of caulk can I use?

Silicone caulk is not recommended unless it is paintable. For best results, use Duro-Caulk Advanced or Duro-Shield Brush Grade Mastic.

### How do I apply Duro-Shield Acrylic coatings?

Duro-Shield Acrylic coatings can be applied with an airless sprayer, 1" nap minimum roller, or brush.

### I have rust on my roof. Does that matter?

Yes, rust will bleed through the coatings. Neutralize the rust and remove it to eliminate any problems. Refer to the Duro-Shield Acrylic Installation Guide for more information.

### How do I figure out how much product I need?

Coverage needs are determined by warranty requirements. Refer to the Duro-Shield Acrylic Installation Guide for a detailed outline of requirements based on substrate type, as well as the Duro-Shield Acrylic Coating Calculator on the Contractor Portal.

### What do I use to clean my equipment?

Clean your equipment immediately after application with warm, soapy water.

### Do Duro-Shield Acrylic coatings have a warranty?\*

- Duro-Shield 10 has an available 5-year or 10-year limited warranty.
- Duro-Shield 20 has an available 20-year limited warranty.

*\* Warranties begin on date of purchase; Duro-Shield coated roofs are not inspected by Duro-Last Technical Representatives.*

*\* Sample warranties are available to view and download on the Duro-Last website.*

*\* Printed warranties are available upon request; contact the Duro-Last Warranty Services Department for a printed copy if needed.*

**While Duro-Shield coated roofs require minimal regular maintenance, it is recommended that all roofs be monitored for potential damage after significant weather events and/or rooftop service activities. Visit [www.duro-last.com/duro-last/careandmaintenance](http://www.duro-last.com/duro-last/careandmaintenance) to access and download a free resource guide for implementing a routine maintenance check of your Duro-Last Roofing System.**



Duro-Last, the "World's Best Roof" and Duro-Caulk are registered trademarks owned by Duro-Last, Inc.  
Duro-Shield Acrylic FAQ Sheet ORIG: 7.13.17, REV: 7.24.17, 3.30.18, 8.15.19 - DL080024

For more information give us a call or visit our website today.

800-248-0280

[duro-last.com/duroshield](http://duro-last.com/duroshield)