



Duro-Shield™ Coatings FAQ's

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

- Flat roofs must have adequate drainage that prevents ponding water.
- Substrates must be at least 50 degrees Fahrenheit to apply Duro-Shield primer and coatings.
- Roofs must be aged for Duro-Shield to adhere properly.

What size containers are Duro-Shield coatings available in?

Duro-Shield 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.

How long must a roof be aged to apply Duro-Shield products?

It depends on the roof material and location - harsh climates cause roofs to age faster.

- Single-ply membranes chalk as they age. For these materials, it is important that a coating 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.
- Metal roofs corrode as they age. Before applying a coating 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 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?

- 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.

** Refer to the Installation Guide for more information.*

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

- All substrates must be prepared with Duro-Shield Primer before applying any Duro-Shield coating.
- All screws and seams must to be caulked with Duro-Last® Duro-Caulk® Advanced or approved sealant before applying Duro-Shield coatings. Caulk needs to cure for 24 hours before coating can be applied.



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 coatings?

Duro-Shield 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 Installation Guide for more information.

How do I figure out how much product I need?

Coverage rates for 5-gallon buckets of Duro-Shield Coatings are as follows:

- Duro-Shield 5 covers approximately 50 square feet per gallon.
- Duro-Shield 10 covers approximately 80 square feet per gallon.
- Duro-Shield 20 covers approximately 80 square feet per gallon.

** Multiply your figure based on the information above by two for the recommended two coats coverage.*

What do I use to clean my equipment?

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

Do Duro-Shield coatings have a warranty?

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

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



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