

Product Description

Pr345 is a two-component epoxy primer engineered to bond tightly across a wide range of roofing substrates. As a core component of a complete commercial roof restoration system, it functions as an adhesion promoter that prepares the surface for silicone, acrylic, or urethane topcoats.

Priming with Pr345 strengthens the bond between liquid-applied coatings and the substrate, helping safeguard the finished system against premature failure.

Product Data

Physical Property	Typical Value	Test Method
VOC	35 g/L	N/A
Solids by Weight	59%	ASTM D 1644
Solids by Volume	50.5%	ASTM D 2697
Liquid Density, A Side	12.27 lb/gal	ASTM D 1475
Liquid Density, B Side	7.86 lb/gal	ASTM D 1475
Mixed Liquid Density	11.83 lb/gal	N/A
Specific Gravity, A Side	1.473 g/ml	N/A
Specific Gravity, B Side	0.945 g/ml	N/A
Mixed Specific Gravity	1.42 g/ml	N/A
Ratio by Volume (A:B)	9A : 1B	N/A
Ratio by Weight (A:B)	14A : 1B	N/A
Recoat Window	8 hours to 7 days	N/A
Full Cure	7 days	N/A

*Typical physical properties +/- 5%.

Surface Preparation

Before priming, make sure the surface is clean, dry, and free of any oil, dirt, or film that could interfere with adhesion. Power wash wherever needed.

Repair or replace damaged areas across the roof, including drains, vents, flashing, and seams. Treat any mildew, fungus, or algae growth with a concentrated chlorine solution, and scrub down areas contaminated with grease, oil, or animal fats using Pr325 cleaner.

Rinse all cleaning agents thoroughly and allow the surface to dry completely before applying primer.

Safe Practices

Pr345 is intended for professional installation only. Before use, read and understand the current Safety Data Sheets for both the A side and the B side, the product label, and applicable installation instructions.

Use the personal protective equipment, ventilation, handling procedures, and safety precautions identified in those documents. Additional information is available at sescoroof.com or by contacting SESCO directly.

Mixing

Premix the A side (resin) on its own before combining it with the B side (hardener). Blend the combined material until fully uniform prior to application.

Mixing times vary depending on batch volume and the mixing method used. Combine at 9 parts A to 1 part B by volume, or 14 parts A to 1 part B by weight.

Packaging/Shipping

CONTAINER SIZE | SHIPPING CLASS
5 Gallon pail | Class 55

Shelf Life

Store in the original unopened container for up to 12 months from the manufacture date, between 50°F and 100°F. Keep from freezing and out of direct sunlight. Do not heat or thin. High temperatures and humidity during storage will shorten shelf life.

Color Options

Yellow

Application

Apply Pr345 in ambient temperatures between 50°F and 120°F, and keep the temperature above 50°F until the primer has fully cured. The surface must be free of rain or moisture throughout application. Stop work at least two hours ahead of any expected rain. Before use, bring the material itself up to a minimum of 65°F.

Apply at a rate of no less than 0.25 gallons per square (100 square feet), and refer to the product specifications for required wet and dry film thickness. Allow a minimum of 8 hours of cure time before applying topcoat, keeping in mind that cure times shift with temperature and humidity. The recoat window runs from 8 hours to 7 days. Full cure is 7 days.

Equipment Recommendations

Pr345 can be applied using airless spray equipment, industrial-grade paint brushes, or nap rollers.

For smaller jobs under 10,000 square feet, spray application works well with an airless pump such as the Graco Ultra 395 PC, which delivers the 1,500 to 2,000 psi range this primer calls for. That unit tops out at a 0.54 GPM flow rate and supports 1/4-inch hoses in runs up to 150 feet.

On larger projects over 10,000 square feet, step up to a Graco UltraMax sprayer. These handle constant pressures up to 3,300 psi and flow rates as high as 1.10 GPM, with hose runs extending to 300 feet. Pair the pump with a Graco airless gun rated for its psi output, fitted with a 0.021 tip.

Clean Up

Clean all tools and equipment, including brushes, rollers, spray guns, and spray lines, with water while the material is still wet. If the primer has already cured onto equipment, switch to mineral spirits or a comparable cleaning solvent.

Precaution

Pr345 is not UV color stable and has not undergone long-term UV testing. It must be topcoated.

Protect the material from freezing. Avoid breathing vapors and minimize repeated skin contact. Do not thin the product or introduce any foreign materials into it.

Refer to the Safety Data Sheets for both the A side and the B side for complete safety information. The two components carry different hazard classifications and different handling requirements.

Limitations

The surface must be clean, dry, and free of rain or moisture throughout application and until the primer has fully cured.

Do not apply below 50°F, and do not allow temperatures to drop below 50°F before full cure. Bring material to a minimum of 65°F before use.

Do not thin. Do not heat. Do not introduce foreign materials into either component or into the mixed product.