

Product Description

Pr355 is a jet-black, general-purpose roofing primer designed for spray, brush, or roller application. It is formulated with specialized polymers and wetting agents that promote strong adhesion to a wide range of properly prepared substrates. The jet-black finish promotes rapid solar warming of the substrate, which can improve yield during spray polyurethane foam applications. Pr355 adheres to aged asphalt, spray polyurethane foam (SPF), primed metal, wood, concrete, masonry, and other approved surfaces. It forms a continuous, water-resistant film while allowing trapped moisture vapor to escape.

Recommended Uses

Pr355 is recommended as a general-purpose primer for improving adhesion over aged asphalt, concrete, masonry, primed metal, wood, and other compatible roofing substrates.

When used beneath spray polyurethane foam, its jet-black surface promotes solar warming and may help improve SPF yield. Always verify substrate compatibility and adhesion before beginning full-scale application.

Product Data

Physical Property	Typical Value	Test Method
VOC	<50 g/L	EPA Method 24
Solids by Volume	38% +/-2%	ASTM D 2697
Solids by Weight	45% +/-2%	ASTM D 1644
Density	9.7 lb/gal	ASTM D 1475
Service Temperature Range	0°F to 185°F	N/A
Clean Up	Water	N/A
Shelf Life	12 months, unopened	N/A

*Typical physical properties +/- 5%.

Surface Preparation

All surfaces must be clean, dry, sound, and free of dust, dirt, oil, grease, loose granules, gravel, peeling coatings, and other contaminants that may interfere with adhesion.

For best results, power wash the surface at a minimum of 2,000 psi using a wide fan tip. Exercise care to avoid damaging the existing roof membrane or assembly. Allow the substrate to dry completely before applying Pr355.

Treat mildew or biological growth with an approved cleaning solution and rinse thoroughly. Repair cracks, holes, splits, and other defects with compatible sealants or repair materials before priming. Perform an adhesion test when substrate compatibility is uncertain.

Safe Practices

Pr355 is intended for professional installation only. Before use, read and understand the current Safety Data Sheet, 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.

Coverage Rate

Apply Pr355 at a rate of ½ gallon per 100 square feet, producing approximately 8 wet mils. Actual coverage will vary depending on substrate porosity, texture, surface condition, application method, and material loss.

Packaging/Shipping

CONTAINER SIZE | SHIPPING CLASS
55 Gallon drum | Class 55
5 Gallon pail | Class 55

Ponded Water

Positive drainage is required. Do not apply Pr355 where ponded water is present or where prolonged ponding is expected. Correct drainage deficiencies before application.

Color Options

Jet black

Application

Apply Pr355 by brush, roller, or spray to a properly prepared, clean, and dry surface. Refer to the Equipment section for application recommendations. Before application, blend the contents of each container with a power mixer for at least 10 minutes or until the material is completely uniform. When using material from multiple containers, blend the containers together as necessary to promote uniformity.

Do not thin Pr355. Apply sufficient material to produce a uniformly wet appearance without puddles, pinholes, skips, or holidays. Allow the preceding coat to dry for at least six hours and confirm that it is sufficiently dry before recoating. Complete cure occurs in approximately 24 hours under standard conditions. If a cured surface becomes contaminated, wash it with a compatible cleaner and allow it to dry completely before applying another coat.

When used beneath spray polyurethane foam, extend the primed area beyond the intended foam application to create a continuous transition. Refer to the applicable SESCO Guide Specification for project-specific dry-film thickness requirements.

Equipment Recommendations

Use components rated for the applicable pump and operating pressures.

- Air-powered pump with a minimum 30:1 pressure ratio
- Continuous output of at least 2½ gallons per minute
- Filter screen of 30 mesh or coarser
- Hose rated for at least twice the maximum pump pressure
- Hose lining compatible with Pr355 and the required cleaning materials
- Minimum 3/8-inch-diameter, 6-foot whip hose
- Minimum 3/8-inch inside-diameter hose for lengths up to 75 feet
- Minimum ½-inch inside-diameter hose for lengths up to 200 feet
- Minimum ¾-inch inside-diameter hose for lengths exceeding 200 feet
- Graco Hydra Mastic spray gun or equivalent
- Reversible, self-cleaning spray tip
- Tip orifice ranging from 0.027 to 0.039 inch
- Spray fan angle ranging from 40° to 50°

Position the largest-diameter hose section nearest the pump.

Clean Up

Clean brushes, rollers, spray equipment, and other tools with clean water immediately after use and before Pr355 dries. Cured material may require mechanical removal.

Environmental Conditions

Pr355 cures through water evaporation. Do not apply when the ambient temperature is below 50°F or when temperatures may fall below 32°F within 24 hours after application.

Do not apply when rain, dew, freezing conditions, or other inclement weather is expected before the coating has dried. During periods of high humidity, avoid late-afternoon application because overnight condensation may wash uncured material from the surface.

Cool temperatures and high humidity will extend drying and curing times. When conditions are marginal, multiple thin coats may dry more reliably than a single heavy application.

Limitations

The substrate must be clean and dry before application. Do not apply Pr355 over wet surfaces, frost, ice, or ponded water, or when inclement weather is imminent.

Application is not recommended on roofs with slopes below 1/8 inch per 12 inches. Complete curing requires the full evaporation of water; cool temperatures, high humidity, insufficient airflow, or excessive application thickness will delay curing.

Pr355 is not recommended for cryogenic tanks or cold-storage roofing assemblies that do not contain an appropriate vapor barrier. It is not intended for use as a thermal barrier.