

ACRYTITE A550



PRODUCT DESCRIPTION

AcryTite A550 is a 100% acrylic elastomeric roof coating formulated for application over metal, modified bitumen, asphalt built-up roofing (BUR), PVC, EPDM, concrete roofs, and masonry walls. A high degree of rubber-like elasticity allows the coating to accommodate wide swings in temperature and building movement. A550 is a topcoat and requires a compatible base coating suited to the roof system being coated. This is a water-based material and must be protected from freezing.

RECOMMENDED USES

AcryTite A550 is recommended as a reflective, elastomeric topcoat for both new construction and the restoration of existing commercial roofs. It performs over metal, modified bitumen, asphalt built-up roofing (BUR), single-ply membranes including PVC, and EPDM as well as concrete roofs and masonry walls, when applied over a compatible base coating. For full restoration, A550 may be combined with polyester fabric reinforcement to completely encapsulate the roof surface.

PRODUCT DATA

Physical Property	Typical Value
Weight Per Gallon	11.8 lbs
Solids by Weight	60%, Nominal
Solids by Volume	53%, Nominal
Tear Resistance	82 Lbs. Force/in.
Hardness, Shore A	70
Tensile Strength	300 PSI, Nominal
Elongation	250%, Nominal
Cure Time @77°F & 50% humidity	24 to 48 hours
Application Temperature	40°F to 120°F
Service Temperature (Cured Film)	15°F to 180°F
VOC	50 g/l

*Typical physical properties +/- 5%.

SURFACE PREPARATION

General: The substrate must be dry and free of dust, dirt, oil, loose granules, peeling coatings, and other contaminants before application. Power washing and priming may be required to ensure proper adhesion.

APPLICATION

Mechanically mix before using. Replace any loose, broken, or missing fasteners and seal all seams, fasteners, curbs, and penetrations with AcryTite A595.

Apply A550 by roller or spray at 1.25 to 1.5 gallons per 100 sq. ft. per coat, minimum two coats, over a compatible base coat for a consistent, pinhole-free surface. Drying time to first topcoat at 70°F is 2 to 4 hours.

For complete restoration, combine A550 with polyester fabric reinforcement: embed 40-inch widths in 2 gallons per 100 sq. ft. of base coat, then apply two more coats of A550 at 1.5 gallons per 100 sq. ft. (3 gallons total) once the first has dried, with laps a minimum of 4 inches.

PACKAGING/SHIPPING

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

SHELF LIFE

One year from the date of manufacture.

COLOR OPTIONS

White

EQUIPMENT



Brush
Synthetic filament



Roller
1¼" nap roller



Spray — use components rated for pump pressures:

Minimum 4000 PSI high-pressure airless paint pump
3 gallons or more per minute (continuous) output
5:1 transfer pump to prevent cavitation

Spray tip:

Reversible, self-cleaning type
Orifice size .030
Fan angle 40° to 50°
Spray gun: high-pressure, 4000 PSI
Hose rated to 2× maximum pump pressure
Hose should be BUNA-N jacketed
Hose lengths (largest diameter at pump): ¾" minimum

LIMITATIONS

A550 is a topcoat and must be applied over a compatible base coat; it is not intended for use without one. Do not apply to areas that retain standing water for more than 48 hours, where service life will be severely diminished and adhesion failure can be expected. As a water-based product, A550 must be protected from freezing at all times.

SAFE PRACTICES

This product is for professional installation only. Before use, read and understand all available information on its risks, proper use, and handling. Sources include but are not limited to SDS and product labels.

Additional resources are available at sprayips.com, or by contacting IPS directly.

COVERAGE RATE

1.25 to 1.5 gallons per 100 sq. ft. per coat, with a minimum of two coats — for a total of approximately 2.5 to 3 gallons per 100 sq. ft.

CLEAN UP

Clean tools and equipment with soap and water while the coating is still wet.

ENVIRONMENTAL CONDITIONS

Apply only when air temperatures are above 40°F and rising, with relative humidity below 90% and no threat of rain for 48 hours. Surface temperatures should be under 100°F to avoid premature curing; if the surface is hot, apply a light water spray to cool it before coating. A550 is water-based and must be protected from freezing.

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