

Product Description

Ac595 is a fibered acrylic mastic. This one-component product is formulated for use across a wide range of commercial roofing systems. It delivers excellent reflectivity and resists weathering, aging, oxidation, wind-driven sand, rain, snow, ozone, UV radiation, and the extreme temperatures found on roofs. Its tight surface finish also improves resistance to mold, algae, and mildew.

Recommended Uses

Ac595 is designed for sealing seams, laps, and penetrations on commercial roofing systems. It is also used for reinforcing flashings and for detail work around vents, drains, curbs, and parapet walls, and for patching cracks, splits, and minor membrane damage.

Product Data

Physical Property	Typical Value	Test Method
Weight Per Gallon	11.8 lbs	ASTM D 1147
Solids by Weight	72%	ASTM D 1644
Solids by Volume	65%	ASTM D 2697
Tensile Strength	159 psi	ASTM D 2370
Elongation	500%	ASTM D 2370
Color	White	N/A
Reflectivity	75%	ASTM D 2824
Accelerated weathering	Pass/No cracks after 1,000 hours	ASTM G 155
Firm set	Pass	ASTM D 2939
Resistance of water	Pass	ASTM D 2939
VOC	< 25 g/l	EPA 24

**Typical physical properties +/- 5%.*

Packaging/Shipping

CONTAINER SIZE	SHIPPING CLASS
5 Gallon pail	Class 55

Surface Preparation

General: Before applying Ac595, ensure the substrate is dry and free of dust, dirt, oil, loose granules, peeling coatings, and other contaminants that may interfere with adhesion. Power washing and priming may be required to achieve proper adhesion.

Shelf Life

Twelve months from the date of manufacture in unopened containers.

Color Options

White

Application

Ac595 is applied by brush, trowel, or roller depending on the repair detail. Stir thoroughly before use to ensure consistent fiber distribution. For seams, laps, and detail work, apply a base coat of Ac595, embed polyester reinforcing fabric while the mastic is still wet, then apply a second coat over the fabric to fully encapsulate it.

For crack and puncture repair, apply Ac595 directly over the damaged area, extending a minimum of 3 inches beyond the damage in all directions. Allow each coat to cure fully before applying additional coats or topcoats. Cure time varies with temperature, humidity, and film thickness.

Equipment Recommendations

Brush

Use a brush with synthetic filaments.

Limitations

The surface must be clean, dry, and free of dirt, dust, oil, grease, loose coatings, and other contaminants. Do not apply Ac595 over wet substrates, standing water, or frost. Ac595 is not recommended for direct application over coal tar, asphalt, or modified bitumen without a compatible primer, since acrylics can soften and bleed-through can occur. It is also not recommended over silicone coatings or over surfaces previously treated with water repellents. Test for adhesion on unknown or weathered substrates before full application.

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 sescoroof.com, or by contacting SESCO directly.

Clean Up

Clean tools and equipment with water while the product is still wet. Cured material will require mechanical removal.

Dispose of any unwanted product properly. Leftover material can be kept by resealing the container tightly and storing it for future use.

Storage

Store Ac595 in a cool, dry area between 50°F and 90°F.

Protect it from freezing. Keep containers tightly sealed when not in use. Do not store in direct sunlight or near heat sources.

Coverage Rate

Coverage rate depends on application method and substrate. Refer to the applicable SESCO Guide Specification, or contact SESCO for project-specific guidance.