

GenFlex Ace Coating

GenFlex Ace Coating is not warranted by GenFlex, nor is it a factor with respect to the watertight performance of the GenFlex roofing system. It is recommended that periodic inspections of the roof systems be conducted by the owner with the subsequent reapplication of GenFlex Ace Coating to areas that may need touch-ups.

DESCRIPTION

GenFlex Ace Coating is a single component, water-based acrylic coating to be used over GenFlex EPDM membranes. It is a durable elastomeric coating that provides excellent UV protection and weather resistance.

PHYSICAL PROPERTIES

PROPERTY	TYPICAL VALUES
Base	Acrylic
Color	White
Solids	55%
Viscosity	1400 cps
Elongation	300% at 73°F
Tensile Strength	270 psi
Moisture Vapor Permeance @ 30 dry mils	6.0 perms
Fungi Resistance	Zero Rating
Cure Time	2-6 hours to recoat

INSTALLATION

- EPDM membrane surfaces should be exposed to the weather a minimum of two (2) weeks prior to the application of Ace Coating. The membrane surfaces must be clean, dry, and free of foreign material and contaminants prior to applying the coating. The membrane surface will require additional cleaning in the areas where dirt has accumulated due to ponding water. Best results may be obtained by cleaning areas with a mild detergent and water.
- GenFlex Ace Coating may be spray or roller applied:
 - SPRAY:** Apply the Ace Coating in a one coat application to achieve a coverage rate of approximately 100 ft²/gal (2.45 m²/L).
Aro model 650097 cart mounted 30:1 ratio "Hydra Coat" pump assembly. This equipment includes the pump, portable cart, air line filter/regulator/lubricator assembly, material filter and pulsation dampener, material hose (24 ft (7.6 m)), spray head swivel, airless spray gun and spray tip. Best results may be obtained by using the reversible spray head model 651551 in conjunction with spray model TC314OD. Use of this spray applicator requires an outside air compressor capable of supplying 90 to 100 psi (620 to 690 kPa) of air at a rate of 125 ft³ (3.5 m³) per minute. Other similar type spray applicators may be used. Check with other manufacturers for their recommendations.
 - ROLLER:** Roller apply Ace Coating using a two coat procedure to achieve a coverage rate of approximately 100 ft²/gal (2.45 m²/L). The second coat may be applied as soon as the initial coat is dry. NOTE: This may produce a textured surface appearance.
- Allow the GenFlex Ace Coating to dry to the touch before traffic is allowed on the surface. Dry time is approximately 24 hours, depending on the ambient air conditions.
- Inspect the application to assure that complete coverage of the membrane is achieved. Apply additional Ace Coating to areas where complete coverage has not been achieved.
- GenFlex Ace Coating may be removed from the membrane surface by using either a high pressure water spray unit or by using an electrical drill with a wire buffing wheel. Care should be taken to not damage the membrane during removal of the Ace Coating. Recoat the area in accordance with the application instructions.

PRODUCT DATA

Container Size: 5 gallon (18.9 Liter) Pails

Product Number: W590010094

LEED INFORMATION

Reflectivity, % (ASTM C 1549)	
Initial	87
3 year aged	69
Emissivity (ASTM C 1371)	
Initial	0.86
3 year aged	0.90
Recycled Content	
Post Consumer	0%
Post Industrial	0%
Solar Reflectance Index (ASTM D 1908)	109
V.O.C. Content	Less than 50 g/L

STORAGE

Store indoors in original unopened containers at a temperature between 60°F and 80°F (16°C and 27°C) for maximum shelf life. Do not store on roof in direct sunlight. When exposed to lower temperatures, restore to room temperature prior to use. **Do not allow to freeze.**

SHELF LIFE

12 months; shelf life will be shortened if exposed to elevated temperatures.

Temperature Constraints

Do not apply Ace Coating below 40°F or in weather conditions where the temperature will fall below 40°F during the cure cycle. The substrate temperature range for application is 40°F - 120°F.

PRECAUTIONARY DATA

Ace Coating must not be applied during inclement weather and should not proceed if any precipitation is imminent.

Do not contaminate the coating with foreign materials.

Thinning is not allowed.

A recommended cleaner is water.

Do not exceed the maximum working pressure of any component in the spray apparatus, including but not limited to the spray gun, hose, connections, and pump. Strictly adhere to the manufacturer's safety, service, and maintenance instructions while using the spray applicator.

Never allow any part of the human body to come in front of or in direct contact with the spray material outlet. The force of the airless paint system can inject material into the flesh. Injection injuries can be serious and should be handled by a qualified physician. Review Material Safety Data Sheet prior to using GenFlex Ace Coating.

Review Material Safety Data Sheet prior to use.

