



COMPLIANCE: Exceeds performance requirements of ASTM D6083. MIAMI-DADE APPROVED. ASBESTOS FREE.

DESCRIPTION: APOC® 545 EternaFlex® is a white, thermoplastic, liquid rubber coating. APOC® 545 EternaFlex is ideal for application to metal roofs, silos and storage tanks and can also be utilized on concrete and approved single ply membranes. EternaFlex® can be used as a high performance maintenance coating or as a repair product when utilized in conjunction with a polyester reinforcing fabric. APOC® 545 is an extremely durable and elastic product that expands and contracts over 700% while providing unmatched protection from the elements. This UV blocked coating also contains a high concentration of titanium and creates a super bright finish that reflects harmful UV rays away from your roof. This results in drastic reduction in roof temperatures, lower heat transfer into your building and can reduce cooling costs up to 30%. This product can also serve as a vapor barrier and should not be applied over wet or damp substrates as this may cause blisters to form.

PREPARATION: All surfaces must be dry and free of dust, dirt, oil, loose granules, gravel, peeling paint and all other foreign matter. Rusty metal must be cleaned with a wire brush and primed with APOC® Metal Primer before application of this product. Surfaces with mildew growth or stains must be cleaned with a bleach solution (2 parts water to one part bleach) prior to applying this product. Rinse thoroughly. Pressure washing entire surface is recommended for best results (use only a wide fan tip - do not allow stream to tear into roof surface). After cleaning, a roof must be allowed to thoroughly dry prior to application. Repair all leaks using APOC® 501 or APOC® 502 Neoprene Flashing Sealant and Polyester reinforcing fabric. Allow to cure 24 - 48 hours before application of roof coating. Asphalt and modified asphalt membranes must be primed using APOC® 232 Insta-Kote MB. Primer must be allowed to dry a minimum of 48 hours or longer depending on drying conditions. Surfaces previously coated with aluminum, asphalt or tar should be allowed to cure for a minimum of one summer season and should be primed with APOC® 232 prior to coating with this product. Do not heat or thin. DO NOT APPLY IF RAIN IS EXPECTED WITHIN 24 HOURS.

APPLICATION: For exterior use only. This product contains strong solvents and should only be used in a well ventilated area. Ensure protective clothing, gloves and eyewear are worn during application of this product. For specific questions see SDS Sheet. Always apply on a clear, warm sunny day. Apply in morning hours to allow maximize cure time. Temperatures should be above 40 °F (for 48 hours) and rising, but not above 110 °F. APOC® 545 should be applied in a uniform two coat application. Product should be allowed to dry a minimum of 4- 6 hours between coats. APOC® 545 may be applied using a brush a or heavy duty phenolic core paint roller.

COVERAGE RATES: Product should be applied on metal roofs at the rate of 1 gallon per square, per coat, for a total rate of 2 gallons per square. Coverage rates vary depending on the surface being coated and specification. For single ply and concrete applications see APOC guide specifications.

SUNLIGHT: Reflection of sunlight from light colored or white roof coatings necessitates the use of dark glasses to protect the eyes from glare during application and skin protection and/or sun block.

GENERAL INFORMATION: Storage of material shall be provided in cool, shaded areas during hot weather and as close as possible to room temperatures during cold weather. Drums exposed to the weather should be stored on their side or covered with a tarpaulin. The coating should be stirred thoroughly before use. The deck should be protected from all traffic during and after application of the coatings.

PRECAUTIONS: This product contains strong solvents. When working around ventilation units or HVAC equipment, ensure proper fume mitigation procedures are taken to avoid fumes and / or odors from entering air handling equipment and building. Protective clothing, gloves and eyewear should be used during application of these products. When transporting this product, ensure that lid is tight and pail secure and upright. Do not allow pail to tumble as this will cause lid to loosen and leakage to occur. Do not transport on passenger seats or inside the passenger compartment of any vehicle. Store product in the cargo area of vehicle, and secure over protective cloths to prevent damage due to accidental spills. Do not store at temperatures above 100 °F. This manufacturer also disclaims liability for flat surface application where poor drainage or ponding water may prevail. Do not reuse empty containers. Seal container when not in use.

CLEAN-UP: Clean tools with paint thinner or mineral spirits.

TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS:

Weight Per Gallon	8.5 - 9.0 lbs.
Solids by Weight	43%
Solids by Volume	32.9%
Viscosity (ASTM D2697)	11,000 CPS
Elongation (ASTM D562)	700%
Tensile Strength (ASTM D2370)	890 psi
Reflectivity (ASTM C1549)	91%
LEED Emissivity (ASTM E408)	.95 (Initial)
CRRC Emissivity (ASTM C1371)	.90 (Initial)
Permeability (ASTM D1653)	<4
Application Tools	Brush or Roller
Skin Time (50% Relative Humidity, 70 °F)	15 minutes
Full Cure (50% Relative Humidity, 70 °F)	24 - 48 hours
Application Temperatures	40 °F - 110 °F
Clean-up Tools	Paint Thinner, Mineral Spirits

Approx. Shipping Weights: (Note: All approx. weights include container)

5 gallons (18.9L)	45 lbs.
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VOC - 440 g/L max.

HANDLING PRECAUTIONS: Product safety information required for safe use is not included. Before handling, read product safety data sheets and container labels for safe use and for physical and health hazard information. Safety data sheets are available on the APOC website at www.apoc.com. You can also obtain a copy from your local APOC Distributor or APOC sales representative.

LIMITED WARRANTY AND DISCLAIMER: To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance and is subject to change without prior notice. User must contact APOC to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. Liability, if any, is limited to replacement of product unless installed by an approved contractor in accordance with APOC warranty procedures and program.

For limited warranty and disclaimer information, visit our website at: www.apoc.com/productwarrantyinfo.

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