



ETERNA-PATCH™ WHITE THERMOPLASTIC PATCH Data Sheet

COMPLIANCE: Exceeds performance requirements of ASTM D 4479, ASTM D 6511. MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED. ASBESTOS FREE.

DESCRIPTION: APOC® 505 Eterna-Patch™ is a white, thermoplastic, liquid rubber patching compound. It is manufactured using a select blend of high performance rubber and solvent resulting in unmatched durability and long term life. APOC® 505 Eterna-Patch forms a permanent rubber repair that expands and contracts with roof movement while remaining flexible and watertight. This product is excellent for application to metal roofs, concrete and some single ply membranes. APOC® 505 is ideal for metal seams, fasteners and areas with movement.

PREPARATION: All surfaces must be dry and free of dust, dirt, oil, loose granules, gravel, peeling paint and all other foreign matter. Rusty metal should be cleaned with a wire brush and primed with APOC® 250 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 on single-ply membranes - do not allow stream to tear into roof surface). After cleaning, a roof must be allowed to thoroughly dry prior to application.

Allow to cure 4-8 hours before application of APOC® 545 SEBS roof coating. Up to 30 days may be required prior to application of Acrylic coatings. Do not apply under sheet of membranes. Do not heat or thin. DO NOT APPLY IF RAIN IS EXPECTED WITHIN 4 HOURS.

APPLICATION: For exterior use only. This product contains strong solvents and should only be used in a well ventilated area. Ensure protective clothing and eyewear are worn during application of this product. For specific questions see MSDS Sheet.

FOR BEST RESULTS: Apply on a clear, warm sunny day. Apply in morning hours to allow maximum cure time. Temperatures should be above 40°F for proper trowelability, but not above 110°F. APOC® 505 should be applied in a three course application using APOC® polyester reinforcement. APOC® 505 may be applied using a trowel, brush or putty knife. Keep container closed when not in use.

COVERAGE RATES: Product should be applied at the rate of 12 1/2 sq ft per gallon when applied 1/8" thick. For best results, apply in a 3 course fashion using APOC polyester reinforcement.

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.

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 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. Close container when not in use.

CLEAN-UP: Paint thinner and mineral spirits.

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See MSDS for more info

TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS

Weight Per Gallon (ASTM D-1475)	8.65 lbs.
Solids by Weight (ASTM D-2698)	50.8%
Solids by Volume (ASTM D-2697)	40.1%
Elongation (ASTM D-2370)	209%
Tensile Strength (ASTM D-2370)	556psi
Reflectivity (ASTM C-284)	88.0
Permeability (ASTM D-1653)	<4
Consistency	Brush/Trowel
Skin Time (50% Relative Humidity, 70°F)	15 minutes
Full Cure (50% Relative Humidity, 70°F)	24-48 hours
Application Temperatures	40° - 110°F
Flammability	80°F
Clean-up Tools	Paint thinner and mineral spirits

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

1 gallon (3.8L)	10.7 lbs.
3 gallon (11.36L)	32 lbs.

CAUTION!: FLAMMABLE. VAPOR HARMFUL. HARMFUL OR FATAL IF SWALLOWED - CALL PHYSICIAN IMMEDIATELY.

If swallowed DO NOT induce vomiting. Call physician immediately. In case of: Eye contact - flush with large amounts of room temperature water for 15 minutes. Skin contact - wash thoroughly with soap and water. Irregular or stopped breathing - administer oxygen, give artificial respiration. Get medical attention (immediately). Avoid prolonged breathing of vapor or spray mist. (NIOSH/MSHA TC 23C or equivalent).

**KEEP AWAY FROM SPARKS AND FLAME.
FOR EXTERIOR USE ONLY
Use with adequate Ventilation
Keep Out of Reach of Children
VOC/VOS - 359 g/l max. (3 lbs./gal.)**

CALIF. PROP. 65 • CHEMICAL WARNING (CALIFORNIA HEALTH AND SAFETY CODE #25249.5 ET SEQ). WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or reproductive harm. Use proper protection and adequate ventilation, when using product.

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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