



Pond Armor[™]

NOTICES

Metacrylics[®] products must be applied and installed according to written specifications from the manufacturer. Metacrylics[®] assumes no liability for failures of this roof/deck system resulting from deviation from manufacturer's written specification, poor workmanship, or delamination of an existing underlying roof/deck membrane. The manufacturer makes no warranty of any kind, express or implied, concerning this roof/deck system, if it is not used according to manufacturer's specifications.

SOURCES

Presented Above Are: ASTM and FTMS performed by Underwriters Laboratories, Inc., Cal Coast Laboratories, Inc., Harlan Associates, Inc., State of Calif. Dept. of Transportation (Division of Structures and Engineering Services) Office of Transportation Laboratory, Sacramento, CA; State of Calif. Air Resources Board, Sacramento, CA; State of Calif. Dept. of Health; State of Calif. Bay Area Air Pollution Control Dist.; field experience of construction contractors and California Builder & Engineer. Metacrylics[®] is not responsible for any changes in the above data due to discovered data or changes in the above tests.

MANUFACTURER

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SPECIFICATIONS

DESCRIPTION WHITE, water-based acrylic elastomeric coating with built in bleed block resistance. Non-volatile, highly adhesive, UV resistant, reflective, protective coating for almost any surface.

USES For use as a reflective protective coating over BUR Asphalt, T&G, Granulated Capsheet, Rolled Roofing, Metal, Concrete, Wood, Foam, EPDM, TPO, PVC and Stucco surfaces. When applied with Metacrylics Primer, Base, and Polyester fabric, this product is recommended for all roofs and decks. Other uses include exterior and below grade waterproofing.

COLOR White

ZINC OXIDE Metacrylics Extreme Performance Plus Acrylic White contains no zinc oxide. California Prop. 65 has identified zinc oxide as a hazardous material. No product manufactured by Metacrylics contains zinc oxide. This has been verified by independent testing by ICC-ES and UL Laboratories, our quality control agency.

TITLE 24 Compliant: C1371 Solar Reflectance 0.89 and C1371 Thermal Emittance 0.88.

SRI 113

LEED POINTS: Available for heat island affect.

USGBC U.S. Green Building Council member

WEATHERING 2,000 hours weatherometer - no cracking, crazing, or erosion, slight chalking. ASTM D638

FLASHPOINT No flash at 200° F (water-based). ASTM D1310, Tag Open Cup

FLEXIBILITY Low Temperature Flexibility: pass 1" :-40° F ASTM C836

TENSILE STRENGTH 325 psi ASTM D2370

ELONGATION: Initial 275% ASTM D2370. After 1000 hours ASTM D4798 weathering 175% ASTM D2370

HARDNESS TEAR RESISTANCE >100 lbf/in ASTM D624

PERMEANCE 22 Perms ASTM D1653

WATER SWELLING: 5.5% ASTM D624

PEEL ADHESION SPF: 8.9 average lbs/linear inch ASTM C836. Galvanized steel: 2.2 lbs/ linear inch ASTM C836.

CHEMICAL RESISTANCE

Gasoline - some softening and spotting
1% Sodium hydroxide alkali (no effect)
1% Hydrochloric acid (no effect)
Sodium chloride/salt (no effect)
Petroleum ether or naphtha (no effect)

Lubricating Oil - some spotting
Diesel (no effect)
Stoklard solvent (no effect)
Boric acid (no effect)

VISCOSITY: 100 KU ASTM D562

DEMULSIBILITY: No reaction AASHTOT 59

TOXICITY: Not for use with potable water

PARTICLE CHARGE: Negative

WEIGHT: 12.1 lbs./gallon

VOC (VOLATILE ORGANIC CONTENT): 27.5 grams/liter

SOLIDS CONTENT: (by weight): 68.4% (by volume): 51%

APPLICATION

SURFACE PREPARATION Surfaces should be clean, dry, free of dust, dirt and oily residues. Remove loose rust from metal, and wipe new galvanized metal with acidic acid solution prior to application. Metacrylics Primer is recommended for all surfaces. New concrete must be fully cured. New glazed asphalt and torch down single-ply assemblies should wait 6 months or more before application.

SPRAY APPLICATION & COVERAGE RATES Apply 2 coats of Extreme Performance Plus Acrylic White @ 2 gallons/100 sq. ft. per application (total 4 gallons/100 sq.ft.) using a .035 - .039 spray tip. Allow a full 24 hours or longer if necessary based on local weather conditions in order to prevent blistering. *Hints: Don't spray on windy days! Use barricades around the job. Visqueen all skylights not to be coated. Be sure to have 1/2 a barrel of water to flush the pump and hose when finished. Be sure to have extra tips and TSL Throat Seal Liquid.*

ROLLER APPLICATION AND COVERAGE RATES

Apply 3 coats @ 1-1/3 gals /100 sq. ft. per application (total of 4 gals/100 sq. ft.) Allow a full 24 hours or longer if necessary based on local weather conditions in order to prevent blistering.

NON-SKID APPLICATION Sand may be gently broadcasted over the wet Extreme Performance Plus Acrylic White, or mix 1/2 gallon of #30 mesh sand, rubber granules, etc. with 2.5 gallons of Extreme Performance Plus Acrylic White using a stick or electric drill with mixing paddle, add more or less sand to desired consistency. Apply with a texture roller or texture gun.

HINTS Allow a full 24 hours or longer if necessary based on local weather conditions in order to prevent blistering. Cold temperatures slow down the drying times. Start early, stop early! Application in hot temperatures should be avoided or blistering of the coating may occur. If any Extreme Performance Plus Acrylic White is left over, apply additional coats until all product is used. Four gallons per 100 sq. ft. is necessary to prevent delamination in ponding areas and to maintain superior performance under UV and freezing conditions.

CLEAN-UP Clean tools and equipment with water. Cured material may be removed with amylacetate, hand cleaner, or lacquer thinner. Do not use these materials (except hand cleaner) on bare skin.

STORAGE Store in areas where temperature remains above 40oF. Prior to use agitate for 2-3 minutes by hand or machine. Reseal opened containers. If contents skin, remove skin, agitate, use immediately. If the product has been stored for a months (or years), remove any surface skin that may have developed, stir, and immediately use.

IMPORTANT APPLICATION INFORMATION

DO NOT APPLY if rain or freezing weather is imminent within 24 hours following application, or during fog or drizzle. This product is water-primer and could wash off if not fully cured.

KEEP AWAY FROM CHILDREN.

DO NOT APPLY when temperatures are consistently below 40° F. The Acrylic Primer dries slowly when temperatures are below 55° F. Areas shaded from sunlight dry very slowly. Seventy-two hours or more may be required for proper curing.

DO NOT THIN or add solvents.

PROTECT MATERIALS from freezing and extreme heat.

CAUTION! Wet acrylic is extremely slippery when stepped on. Use a safety rope around you on sloped surfaces.