

NOTICES

Metacrylics® products must be applied and installed according to written specifications from the manufacturer. Metacrylics® assume no liability for failures of this roof/deck system resulting from deviation from manufacturer's written specification, poor workmanship, or delamination of an existing underlaying 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

PACKAGING

2 Gallon Pail
5 Gallon Pail
55 Gallon Drum
275 Gallon Tote

DESCRIPTION WHITE, fast setting water-based elastomeric coating with built in bleed block and early rain 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.

ZINC OXIDE Metacrylics Q COAT™ 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.

TYPICAL PHYSICAL AND PERFORMANCE CHARACTERISTICS

SOLAR REFLECTANCE	ASTM C1549	0.89
THERMAL EMITTANCE	ASTM C1371	0.88
SRI	ASTM E1980	113
WEIGHT SOLIDS	ASTM D1644	65%
VOLUME SOLIDS	ASTM D2697	50%
VISCOSITY	ASTM D562	94 KU
TENSILE STRENGTH	ASTM D2370	275 PSI
ELONGATION	ASTM D2370	325%
TEAR RESISTANCE	ASTM D624	>100 lbf/in
PERMEANCE	ASTM D1653	22 PERMS
WATER SWELLING	ASTM D471	9.2%
PEEL ADHESION (GALVANIZED STEEL)	ASTM C794/D903	DRY 11.6 PLI / 7 DAY WATER SOAK 2.1 PLI
PEEL ADHESION (SPF)	ASTM C794/D903	DRY 7.54 PLI
LOW TEMPERATURE FLEXIBILITY	ASTM D522	PASS: 1" @ 0° F
APPEARANCE AFTER WEATHERING (1000 HRS)	ASTM D2369	NO CRACKING, CRAZING OR EROSION
VOC (G/L)	ASTM D2369	<30 G/L
FLASHPOINT		NO FLASH AT 200° F
COLOR		WHITE
DENSITY		11.7 lbs/gallon
TOXICITY		NOT FOR USE WITH POTABLE WATER
DEMULSIBILITY	AASHTOT 59	NO REACTION
PARTICLE CHARGE		NEGATIVE

CERTIFICATIONS AND ASSOCIATIONS

LEED	POINTS FOR REDUCING HEAT ISLAND
USGBC	MEMBER
CALIFORNIA TITLE 24	COMPLIANT

CHEMICAL RESISTANCE

GASOLINE	SOME SOFTENING AND SPOTTING
1 % SODIUM HYDROXIDE ALKALI	NO EFFECT
1 % HYDROXIDE ACID	NO EFFECT
SODIUM CHLORIDE FL SALT	NO EFFECT
PETROLEUM THER NAPHTHA	NO EFFECT
LUBRICATING OIL	SOME SPOTTING
DIESEL	NO EFFECT
STOCKLARD SOLVENT	NO EFFECT
BORIC ACID	NO EFFECT

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 Q COAT™ Acrylic White @ 2 gallons/100 sq. ft. per application (total 4 gallons/100 sq.ft.) using a .035 - .039 spray tip. Allow a full cure based on local weather conditions in order to apply a second coat. 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 Q COAT™ Acrylic White, or mix 1/2 gallon of #30 mesh sand, rubber granules, etc. with 2.5 gallons of Q COAT™ 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 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 Q COAT™ 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.

MANUFACTURER

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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 40°F. 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

KEEP AWAY FROM CHILDREN.

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.