



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

Metacrylics®
365 Obata Court
Gilroy, CA 95020
Office: (408) 280-7733
fax: (408) 280-6329

SPECIFICATIONS

DESCRIPTION Black, water-based acrylic elastomeric rust inhibitor primer. Nonvolatile, highly adhesive primer for BUR asphalt, tar & gravel, capsheet, coal tar & metal surfaces. When fully cured, the primer has no surface tackiness and can be walked or driven on.

USES For use as a roof/deck rust inhibitor primer and as an asphalt pavement sealer. Other uses include exterior and below grade waterproofing. May be applied to wood, BUR asphalt, tar & gravel, capsheet, coal tar, glass, tile surfaces.

COLOR Black

FLASHPOINT No flash at 200° F (water-based). ASTM 1310, Tag Open Cup

FLEXIBILITY Pass 1/8": Panel bent over 1/8" mandrel - no cracking or chipping of coating FTMS 141a, Method 6221

TENSILE STRENGTH

250 psi Elongation: 300% minimum ASTM D-412

HARDNESS

Shore A 48 ASTM D-676

PERMEABILITY

0.01 milligrams water loss. Payne Permeability cups.

WEATHERING

1,000 hours accelerated weathering - no cracking, crazing, or dulling FTMS 141a, Method 6151

CHEMICAL RESISTANCE

- Gasoline - some softening and spotting
- Lubricating Oil - some spotting
- 1% Sodium hydroxide alkali (no effect)
- Diesel (no effect)
- 1% Hydrochloric acid (no effect)
- Stoklard solvent (no effect)
- Sodium chloridesalt (no effect)
- Boric acid (no effect)
- Petroleum ether or naphtha (no effect)

EROSION < .1 mils per yr. erosion factor (non-chalking) FTMS 141a, Method 6192

HYDROCARBONS 18.2 gm/liter (complies with the requirements of the California Air Resources Board Model Rule for Architecture Coatings)

DEMULSIBILITY No Reaction (with 0.02N CaCl₂ with 0.8% Sodium dioctyl Sulfosuccinate AASHTO T59

PENETRATION 65 NGHTO T49

SAYBOLT FUROL At 122...F is 265 Sec. AASHTOT 59

DEMULSIBILITY No reaction AASHTOT 59

TOXICITY Not for use with potable water.

PARTICLE CHARGE Negative

VISCOSITY At 77°F is 1900 Sec. AASHTOT 59

WEIGHT 8.5 lbs./gallon

VOC (VOLATILE ORGANIC CONTENT) 19.45 grams/liter

SOLIDS CONTENT (BY WEIGHT) 32.9% FTMS 141, Method 4041

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.

SPRAY APPLICATION & COVERAGE RATES

Apply Primer @ 1 gallon/100 sq. ft., using a .031 spray tip. Almost any type of airless may be used since the primer has a consistency of water. Allow 4 to 24 hours drying time. **DON'T SPRAY on windy days! Use barricades around the job. Visqueen all skylights, etc., not to be coated. Be sure to have 1/2 a barrel of water to flush the pump and hose when finished, and have extra tips and TSL Throat Seal Liquid on hand. Carefully pour a 1/4" layer of water over the drum of Primer to prevent skinning over.*

ROLLER APPLICATION AND COVERAGE RATES

Apply Primer @ 1 gallon /100 sq. ft. Allow 12 to 24 hours drying time. Keep application roller in shade when not in use. **Allow 4 to 24 hours drying time or dry enough to walk on. Cold temperatures slow down drying time. Start early, stop early!*

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 and use immediately.

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-based and could wash off if not fully cured.

KEEP AWAY FROM CHILDREN.

DO NOT APPLY when temperatures are consistently below 40° F. The Acrylic coating 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.

ALWAYS STIR the Metacrylics® Primer before any application.