

## 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** 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 CaCl<sub>2</sub> 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<sup>®</sup> Primer before any application.