



## 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

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

## DESCRIPTION

CLEAR, water-based acrylic Roof & Tile Primer that possess unique penetrating characteristics that can be used over most surface substrates to improve adhesion of applied elastomeric coatings to existing surfaces.

### USES

Metacrylics Roof & Tile Primer is used to enhance the adhesion characteristics of elastomeric coatings to existing roof or walking surfaces. Metacrylics Acrylic Roof & Tile Primer is commonly applied over Wood, Asphalt based surfaces, concrete, stone, slate, metal, tiles, fiberglass, stucco and acrylic coated surfaces. Metacrylics Roof & Tile Primer binds fine surface dust on composite substrates. This Primer can help reduce absorbency and enhance adhesive bond quality.

### ZINC OXIDE

Metacrylics Roof & Tile Primer contains no zinc oxide. The EPA has identified zinc oxide as a hazardous material when removed for waste disposal. 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.

### COLOR

WHITE when liquid and dries clear and not tacky.

## PROPERTIES

### PRODUCT SPECIFICATION

Solids		16-20
pH		7-8
Viscosity @ 23... C (Brookfield RV, Spindle #5, at 50rpm)	cps	1500-6000

### OTHER PROPERTIES OF THE DISPERSION

Density @ 23 °C	g/cm <sup>2</sup>	1.03
Type of Dispersion		Anionic
Freeze/thaw stability		not resistant

### PROPERTIES OF THE FILM

Appearance		White
Elongation at break	%	700
Surface		Not Tacky
Glass transition temperature (DSC)	°C	17
Water absorption	%	5

## **SURFACE PREPARATION**

Surfaces should be clean, dry, and free of dust, dirt and oily residues. Remove loose rust from metal, and wipe new galvanized metal with acidic acid solution prior to application. New concrete must be fully cured for 30-60 days. New glazed asphalt and torch down single ply assemblies should wait 6 months or more before application.

## **SPRAY APPLICATION & COVERAGE RATES**

Apply Roof & Tile PRIMER @ .25 to 1 gallon/100 sq. ft. Apply Roof & Tile PRIMER using a .031 spray tip. Allow 1-4 hours drying time. Hints: Don't spray on windy days! Use barricades around the job. Place Visqueen on all skylights, etc., not to be coated. Be sure to have 1/2 a barrel of water to flush the pump & hose when finished. Be sure to have extra tips and TSL Throat Seal Liquid.

## **ROLLER APPLICATION & COVERAGE RATES**

Apply CLEAR PRIMER @ .25 to 1 gallon/100 sq. ft. Allow 1-4 drying time. Keep application roller in shade or wrapped when not in use to prevent drying out of the roller cover.  
HINTS: Allow 1-4 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 amyl acetate, hand cleaner, or lacquer thinner. Do not use these materials (except hand cleaner) on bare skin. THINNING: Thin with water if necessary.

## **STORAGE**

Store in areas where temperature remains above 40o 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**

**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.