



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 Metacrylics™ Epoxy Primer is a two component, liquid applied, water-based epoxy primer with unique penetrating characteristics.

BENEFITS

- Substrate penetrating
- Rust inhibitor
- Bleed blocker
- Quick cure / re-coat time

TYPICAL USES

- Wood
- Asphalt surfaces
- Metal
- Polymers
- Polyurethane elastomeric surfaces

TECHNICAL DATA

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| Packaging | 1Gal kit (3.79 L), 5Gal kit (18.93L) |
| Coverage Rate | 1Gal/Average 250ff ² (3.79L/27.87m ²) |
| Color | Part A – Yellow, Part B – Off White |
| Shelf Life | 1 year (unopened container) |
| DFT – Dry Film Thickness 1Gal/300ff ² | 3±1mils (76.2μ) |
| Mixing Ratio by Volume | 4A:1B |
| Pot life @ 75°F, 50% R.H. | 30-45 minutes |
| Specific Gravity/ Part A, Part B | 1.13 (A), 1.07(B) |
| Total Solids by Weight, ASTM D-2369 | 45±2% |
| Total Solids by Volume, ASTM D-2369 | 39±2% |
| Viscosity @ 75°F(24°C), A&B Combined | 1500±300cps |
| VOC's, ASTM D-2369-81 | .36lbs/Gal(43g/L) |

DIRECTIONS FOR USE

MIXING: METACRYLICS EPOXY PRIMER SHOULD NOT BE DILUTED UNDER ANY CIRCUMSTANCE.

THE VOLUME MIXING RATIO: 4 units Part-A Yellow liquid to one unit Part-B Off White liquid. Metacrylics Epoxy Primer Part-A and Part-B should be thoroughly mixed prior to combining to ensure a homogeneous material. The combined components should be thoroughly blended using a mechanical mixer at a slow speed for < 3 minutes or for at least 5 minutes if mixed by hand.

APPLICATION: Remove all contaminants, oil and grease from substrate. Metacrylics Epoxy Primer should be applied at the rate of 1 gallon (3.78L)(mixture of Part-A & Part-B)/200-300 ft²(18.58–27.87m²) depending on substrate. It can be applied using an airless sprayer, brush, or phenolic resin core roller. Allow Metacrylics Epoxy Primer to become tack free before applying the coating. Recommended surface temperature should be greater than 50°F(10°C). Metacrylics Epoxy Primer is sensitive to heat and moisture. Higher temperatures will significantly accelerate the cure time and decrease pot life. Use caution in batch sizes and thickness of application. Low temperature and/or low humidity will extend cure time.

LIMITATIONS

This information is meant to be used as a general guideline only. Consult the project specification and your Metacrylics Representative for specific installation procedures.

STORAGE AND HANDLING

Keep containers closed and store in a dry, cool place away from direct sunlight, heat, sparks, open flame, and moisture. Keep material stored above 65°F (18°C). Open containers should be blanketed with dry nitrogen before resealing. Shelf life is 12 months in an unopened container.

SAFETY

Review the Material Safety Data Sheet (MSDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.