

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 Metacrylics® Polyurethane Primer is a two component, high solids, liquid applied primer with unique penetrating characteristics.

Metacrylics® Polyurethane Primer contains high solids and has a fast re-coat time. It has intercoat adhesion and it is a re-coat primer for existing urethane systems.

FEATURES & BENEFITS

- High Solids
- Low Odor
- Fast Recoat Time
- Low Viscosity

TYPICAL USES

- Intercoat adhesion & re-coat Metacrylics® Polyurethane Primer for existing coating systems.

PACKAGING

2 gal kit: One 1 gal can of Part-A and One 1 gal can of Part-B

10gal kit: One 5 gal pail of Part-A and One 5 gal pail of Part-B

COVERAGE RATE

1 gal/300 sq ft (0.14 L/m²)

Color Part-A Black Part-B White

Pot Life @ 75°F (24°C), 50% R.H. 60–90 minutes Specific

Gravity/Part-A, Part-B 1.22, 0.98

TOTAL SOLIDS BY WEIGHT 97.8%

TOTAL SOLIDS BY VOLUME 97.7%

VISCOSITY @ 75°F (24°C), Part-A & Part-B Combined 500 ± 100 cps

VOLATILE ORGANIC COMPOUND 0.21 lb/gal 25 gm/L

APPLICATION

SPRAY APPLICATION & COVERAGE RATES

Metacrylics® Polyurethane Primer should be applied at the rate of 1 gallon (mixture of Part-A & Part-B)/300 sq ft (0.14 liters/m²). Coverage rate will depend on surface roughness and porosity. It can be applied using an airless sprayer, brush, or phenolic resin core roller. Do not allow the material to puddle. Allow Metacrylics® Polyurethane Primer to become tack free before applying the coating. Approximate tack free time is 2–4 hours at 75°F (24°C) and 50% relative humidity. Recommended surface temperature should be greater than 50°F (10°C) and at least 5°F (3°C) above the dew point. Metacrylics® Polyurethane Primer is very sensitive to heat and moisture. Higher temperatures and/or high humidity will significantly accelerate the cure time and pot life. Use caution in batch sizes and thickness of application. Low temperature and/or low humidity extend the cure time.

MIXING

The volume mixing ratio is 1 part Part-A Black Liquid to 1 part Part-B White Liquid. Metacrylics Polyurethane® Primer Part-A and Part-B should be thoroughly mixed individually prior to combining to ensure a homogeneous material. Metacrylics® Polyurethane Primer must always be mixed with one part Part-A and one part Part-B (Part-A: Part-B = 1:1). The combined components should be thoroughly mixed using a mechanical mixer at slow speed.

LIMITATIONS Metacrylics® Polyurethane Primer should be coated within 12 hours after it has become tack free. Not UV stable. Surfaces must be dry, clean and free of foreign matter. Containers that have been opened must be used as soon as possible. Metacrylics® Polyurethane Primer is difficult to clean up after it has cured. Do not dilute Metacrylics Polyurethane Primer. Mix no more material than can be used within 20 minutes.

WARNING This product contains Epoxy Resin and Curatives.

THINNING

May not be thinned

CLEAN-UP

Tools and equipment should be cleaned with an environmentally safe solvent, as permitted under local regulations, immediately after use.

STORAGE

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: 6 months. 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.

IMPORTANT APPLICATION INFORMATION

PROTECT MATERIALS from freezing and extreme heat.

ALWAYS STIR the Metacrylics® Polyurethane Primer before any application.