

ULTRA-PRIME 175

TWO-COMPONENT, HIGH SOLIDS, LIQUID APPLIED, RE-COAT PRIMER
DESIGNED TO BE APPLIED OVER EXISTING URETHANE SYSTEMS

ULTRA-PRIME 175 is a two-component, high solids, liquid applied, primer with unique penetrating characteristics.

FEATURES & TYPICAL USES

- High solids
- Low odor
- Fast re-coat time
- Low viscosity
- Intercoat adhesion and recoat primer for existing urethane systems

COLORS

Side-A: Black, Side-B: White

PACKAGING

2 gallon kit: One 1 gallon (3.78 liters) can of Side-A and one 1 gallon (3.78) can of Side-B.

10 gallon kit: One 5 gallon (18.9 liter) pails of Side-A and one 5 gallon (18.9 liter) pail of Side-B.

SURFACE PREPARATION

Existing membrane must be free of oil, grease, dirt, chalking and any other physical or chemical contaminants prior to priming with Ultra-Prime 175. Clean existing membrane thoroughly by power washing. Mechanical scrubbing and the use of a biocide-detergent may be required. Completely rinse all contaminants and detergent residue off of the membrane surface and allow to dry thoroughly.

MIXING

The volume mixing ratio is 1 part Side-A to 1 part Side-B (1A:1B). Side-A and Side-B should be thoroughly mixed individually prior to combining to ensure a homogeneous material. Ultra-Prime 175 must always be mixed with one part Side-A and one part Side-B (1A:1B). The combined components should be thoroughly mixed using a mechanical mixer at a slow speed. Do not dilute.

APPLICATION

Ultra-Prime 175 can be applied with a brush, phenolic resin core roller or an airless sprayer. Do not allow the material

to puddle. Allow Ultra-Prime 175 to become tack free before applying the coating. Approximate tack free time is 2 to 4 hours at 75°F (24°C) and 50% relative humidity. If the primer has been allowed to remain tack free for more than 12 hours, it is necessary to solvent wipe the surface with VOC compliant solvent and re-prime the surface. Recommended surface temperature should be greater than 50°F (10°C) and at least 5°F (3°C) above the dew point. Ultra-Prime 175 is very sensitive to heat and moisture. Higher temperatures and/or 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.

COVERAGE

The approximate coverage is 1 gallon/300 ft² or 300 ft²/gallon. Coverage rate will depend on surface roughness and porosity.

EQUIPMENT CLEANUP

Equipment should be cleaned with an environmentally safe solvent as permitted under local regulations immediately after use.

STORAGE

Ultra-Prime 175 has a shelf life of one (1) year from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 60-95°F (15-35°C).

LIMITATIONS

- Ultra-Prime 175 must 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
- Ultra-Prime 175 is difficult to clean up after it has cured
- Only mix enough material than can be used within 20 minutes

TECHNICAL DATA

Coverage Rate

1 gal/300 sq. ft. (0.14 l/sqm)

Dry Film Thickness per Coat

5 ± 1 mils (127 ± 25 microns)

Mix Ratio by Volume

1A:1B

Pot Life at 75°F (24°C), 50% R.H.

30-60 minutes

Specific Gravity

Side A = 1.22 ± 0.1

Side B = 0.98 ± 0.1

Total Solids by Weight, ASTM D-2369

97.8 ± 2%

Total Solids (Volume), ASTM D-2697

98.8 ± 2%

Viscosity at 75°F (24°C)

500 ± 100 cps

VOC's, ASTM D-2369-81

0.21 lbs/gal (25 gm/liter)

WARNING

This product contains Epoxy Resin and Curatives.

**For technical assistance call
978-453-8881.**

www.umaco.com

LIMITED WARRANTY

The manufacturer guarantees its products to be free of defects and the extent of its liability is limited to the purchase price of the materials only, if proved to be defective. Improper mixing, incorrect application or other factors beyond the control of the manufacturer or its dealers may produce unsatisfactory results and cannot be held to be the manufacturers or its dealers responsibility. There are no other guarantees either expressed or implied. (2021)



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