

UL PM 294
Two Component
Aromatic Urethane Polyurea Primer
Technical Data Sheet

DESCRIPTION

UL PM 294 is a two component, 1:1 ratio, rapid setting, non-sag, liquid applied, aromatic urethane polyurea primer.

FEATURES

Non-Toxic / Odorless / Two Component / Fast Curing / Meets USDA Criteria / Meets California VOC and SCAQMD Requirements

TYPICAL USES

Polyurea Primer / Bonding agent for Plastics, Masonry, Wood and EPS.

COLOR

Side-A: Black, Side-B: Clear

PACKAGING

10 gallon kit: One 5 gallon pail of Side-A and One 5 gallon pail of Side-B. 100 gallon kit: One 55 gallon drum (net 50 gallons) Side-A and One 55 gallon drum (net 50 gallons) Side-B.

MIXING

Before application, UL PM 294 must be mixed thoroughly. Closed-top metal cans can be shaken to mix material.

APPLICATION

UL PM 294 needs to be conditioned at 75-80°F prior to use. **UL PM 294** should be applied at the rate of 1 gallon/100 sq.ft. (0.14 liters/m²), using a high pressure, heated, 1:1 spray machine. Allow **UL PM 294** to dry for 10-30 minutes before applying the coating. Recoat time is two to three hours. **UL PM 294** can be applied at surface temperatures as low as 10°F (-12°C) and as high as 135°F (57°C). UL PM 294 is very sensitive to heat and moisture. Higher temperatures and/or high humidity will significantly accelerate the cure time. Low temperature and/or low humidity extend the cure time.

EQUIPMENT CLEANUP

Equipment should be cleaned with an environmentally safe solvent, as permitted under local regulations, immediately after use. Cured Product may be disposed of without restriction. Mix excess Side-A and Side-B material and allow to cure.

STORAGE

UL PM 294 has a shelf life of one (1) year from date of manufacture in original, factory-sealed containers.

LIMITATIONS

Not UV stable. Will discolor in exterior applications. Surfaces must be dry, clean and free of foreign matter. Containers that have been opened must be used as soon as possible. UL PM 294 is difficult to clean up after it has cured. Do not dilute under any circumstance.

WARNING

This product contains Isocyanates and Curative.

TECHNICAL DATA	
Coverage Rate	1 gal/100 sq.ft.
(Varies with substrate and equipment)	
Pot Life, 150°F (66°C) @ 50% R.H.	8-10 seconds
Hardness, ASTM D-2240	70 ± 10 D
Specific Gravity,	
Part-A	1.18
Part-B	1.01
Total Solids, Weight, ASTM D-2369	100%
Total Solids, Volume, ASTM D-2697	100%
Volatile Organic Compounds,	
ASTM D-2369-81	0.0 lb/gal
Recoat Time	2-3 hours

Please read all information in the general guidelines, product data sheets, guide specifications and material safety data sheets (MSDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local Ultimate Linings Products representative or visit our website for recently updated instructions and data.

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