

UL 283 & 283SC

Single Component Aromatic Urethane Primer Technical Data Sheet

DESCRIPTION

UL 283 is a single component, liquid applied, aromatic urethane polyurea primer. This primer provides excellent intercoat adhesion. UL 172SC is designed for use in Southern California to be in compliance with air quality standards.

FEATURES

One Component / Fast Curing / For use in SCAQMD areas, use only UL 172SC

TYPICAL USES

Intercoat Adhesion for Spray Elastomers

COLOR

Amber

PACKAGING

1 gallon (3.79 liter) can 5 gallon (18.9 liter) pail 55 gallon drum, net fill 50 gallons (189 liters)

MIXING

Before application, UL 283 must be mixed thoroughly. Closed-top metal cans can be shaken or rolled to mix material.

APPLICATION

UL 283 should be applied at the rate of 1 gallon/300 sq.ft. (0.14 liters/m²). It can be applied using an airless sprayer, brush, or phenolic resin core roller. Allow UL 283 to dry at 70°F (21°C) and 50% relative humidity for one hour before applying the coating. Recommended surface temperature should be greater than 50°F (10°C) and at least 5°F above the dew point. UL 283 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.

STORAGE

UL 283 has a shelf life of six (6) months from date of manufacture in original, factory-sealed containers.

LIMITATIONS

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. UL 283 is difficult to clean up after it has cured. Do not dilute under any circumstance.

WARNING

This product contains Isocyanates and Solvent. This product is considered Dangerous Goods. DOT regulations classify it as: **PAINT, Class 3, UN 1263, PG III FLAMMABLE LIQUID.**

**TECHNICAL DATA, UL 283SC (100 VOC)
(For Use in SCAQMD Areas)**

Coverage Rate 1 gal/300 sq. ft.
0.135 l/m²
Dry Film Thickness per Coat 3.6 ± 0.1 mils
91.4 ± 3 microns
Specific Gravity 1.15
Total Solids by Weight, ASTM D-2369 74 ± 2%
Total Solids by Volume, ASTM D-2697 76 ± 2%
Viscosity at 75°F (24°C) 300 ± 100 cps
Volatile Organic Compounds,
ASTM D-2369-81(excluding exempt solvent) 0.75 lb/gal
90 gm/liter

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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