



Ultimate Linings

UL SG 7111 *Aliphatic Polyaspartic Polyurea Topcoat Technical Data Sheet*

DESCRIPTION

UL SG 7111 is a 100% solids by volume, aliphatic polyaspartic coating, two-component, liquid applied, environmentally friendly surface topcoat for waterproofing membrane systems, with a citrus odor. **UL SG 7111** is quick curing and specifically formulated to be installed in thin film applications.

FEATURES

Quick Cure / Color Stable / High Tensile Strength / High Gloss / Abrasion Resistant / Topcoat over aromatic polyurea, polyurethane and epoxy applications ranging from 35°F to 130°F, service temperature 0°F to 200°F Very Durable / Excellent Weatherability / Seamless Waterproofing Membrane / UV Resistant For Superior Gloss Retention / Meets California AQMD Requirements

TYPICAL USES

Concrete / Steel / Plywood / Plastic / Cold Storage Areas / Food Processing Areas / Industrial Warehouses / Pulp and Paper Mills / Chemical Plants / Fertilizer Plants / Off-Shore Oil Platforms / Pipeline Barges

COLOR

Clear, Grey and Tan Custom colors are also available. Minimum order of 100 gallons (378.5 liters). See color chart for special provisions. Contact UL Products for more information.

PACKAGING

2 gallon kit: 1 gallon can part-A and 1 gallon can Part-B. 10 gallon kit is not an in stock item and is available with advanced notice. Contact UL Products for availability.

ODOR

Citrus

MIXING

UL SG 7111 may not be diluted under any circumstance. Proportions are premeasured. **UL SG 7111** Part-A and Part-B should be mixed individually before combining. Add Part-B to Part-A while mixing, using a mechanical mixer at medium speed. Mix until a homogeneous mixture and color is obtained (at least 5 minutes) and mix frequently during application to maintain uniform color. Use care to scrape the sides of the container to ensure that no unmixed material remains. Use caution not to whip air into the material as this may result in pinhole blisters and/or shortened pot life. Do not mix any material that cannot be used within 20-30 minutes.

APPLICATION

Apply **UL SG 7111** evenly over the entire deck. For best results, use an airless sprayer. A squeegee or phenolic resin core roller may be used, but extra care should be taken not to cause air bubbles.

UL SG 7111 should be applied at a minimum film thickness of 5 mils. It should be noted that the heavier the application, the longer the curing process takes.

CURING

At 70°F (21°C) and 50% relative humidity, allow each coat to cure 1-3 hours. Allow 6 hours before permitting light pedestrian traffic and at least 24-48 hours before permitting heavy pedestrian traffic on to the finished surface. Uncured **UL SG 7111** is very sensitive to heat and moisture. Higher temperatures and/or high humidity will accelerate the cure time. Use caution in batch sizes and thickness of application. 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 SG 7111 has a shelf life of one (1) year from date of manufacture in original, factory-sealed containers.

LIMITATIONS

Surfaces must be dry, clean and free of foreign matter. Clear coating may turn opaque and cloudy due to moisture penetration, especially in exterior applications. Surface may be slippery when wet. Containers that have been opened must be used as soon as possible. Do not dilute under any circumstance.

WARNING

This product contains Isocyanates.

TECHNICAL DATA, POLYCOAT-STAINGARD 6000, CLEAR

Mix Ratio by Volume 1A : 1B
Coverage Rate See Guide
Specification
Dry Film Thickness, exclusive of aggregate, two coats
@ 2 gal/100 sq. ft. each 16 mils
406 microns
Pot Life at 75°F (24°C), 50% RH 20-30 minutes
Hardness, ASTM D-2240 65 ± 2 Shore D
Tear Resistance, Die C, ASTM D-624 400 ± 50 pli
70 ± 10 kN/m
Tensile Strength, ASTM D-412 3000± 200psi
20.7 ± 2 MPa
Ultimate Elongation, ASTM D-412 70 ± 10%
Specific Gravity,
Side-A 1.1
Side-B 1.05
Total Solids by Weight, ASTM D-2369 100%
Total Solids by Volume, ASTM D-2697 100%
Viscosity at 75°F (24°C),
Side-A 2600 ± 300cps
Side-B 1100 ± 300cps
Volatile Organic Compounds,
ASTM D-2369-81 0 lb/gal
0 gm/liter

TECHNICAL DATA, POLYCOAT-STAINGARD 6000, PIGMENTED

Mix Ratio by Volume 1A : 1B
Coverage Rate See Guide
Specification
Dry Film Thickness, exclusive of aggregate, two coats
@ 2 gal/100 sq. ft. each 16 mils
406 micron
Pot Life at 75°F (24°C), 50% RH 20-30 minutes
Hardness, ASTM D-2240 65 ± 2 Shore D
Tear Resistance, Die C, ASTM D-624 375 ± 50 pli
65.6 ± 10 kN/m
Tensile Strength, ASTM D-412 2600± 200psi
17.9 ± 2 MPa
Ultimate Elongation, ASTM D-412 30 ± 10%
Specific Gravity,
Side-A 1.1
Side-B 1.24
Total Solids by Weight, ASTM D-2369 100%
Total Solids by Volume, ASTM D-2697 100%
Viscosity at 75°F (24°C),
Side-A 2600 ± 300cps
Side-B 2000 ± 300cps
Volatile Organic Compounds,
ASTM D-2369-81 0 lb/gal
0 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.

Limited Warranty

Ultimate Linings Products warrants its products to be free from manufacturing defects and that they will meet Ultimate Linings Products current published physical properties. Ultimate Linings Products warrants that its products, when properly installed by a state licensed waterproofing contractor according to Ultimate Linings Products guide specifications and product data sheets over a sound, properly prepared substrate, will not allow water migration for a period of one (1) year. Sellers and manufacturers sole responsibility shall be to replace that portion of the product of this manufacturer which proves to be defective. There are no other warranties by Ultimate Linings Products of any nature whatsoever expressed or implied, including any warranty of merchantability of fitness for particular purpose in connection with this product. Ultimate Linings Products shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. Ultimate Linings Products shall not be responsible for use of this product in a manner of infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. Ultimate Linings Products reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

DISCLAIMER

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his product for his own intended use, application and job situation on the user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazards listed herein are the only ones, which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and Ultimate Linings Products makes no claim that these tests or any other tests accurately represent all environments.