

A-TECH 295

ODOR FRIENDLY, TWO COMPONENT, FAST SETTING, RAPID CURING, HYBRID ALIPHATIC POLYUREA, ELASTOMERIC WATERPROOFING MEMBRANE

A-TECH 295 is a two component, odor friendly, fast setting, rapid curing, very high solids, hybrid aliphatic polyurea elastomeric membrane. A-TECH 295 can be applied to properly prepared interior or exterior concrete, plywood and metal surfaces. It is suitable for single or multiple applications in temperatures as low as 20°F and is insensitive to moisture.

FEATURES

- Odor friendly.
- Non-gassing.
- Seamless.
- UV stable
- Environmentally safe.
- Good chemical resistance.
- Meets USDA criteria.
- Available in Dolphin Gray and Tan.

TYPICAL USES

- As a top coat
- Vehicular decks.
- Mechanical rooms floors.
- Pedestrian decks.
- Kennels.

PACKAGING

4.4 gallon kit: One 5 gallon (net 4 gallons) pail of Side-A and one 1/2 gallon (net 0.4 gallon) jar of Side-B.

MIXING

Before application, pre-mix Side-A of A-TECH 295 using a mechanical mixer at slow speed. Add Side-B of A-TECH 295 and continue mixing until a homogenous mixture and color is obtained. Use caution not to whip air into the material as this may result in pinhole blisters and/or shortened pot life.

APPLICATION

Apply A-TECH 295 evenly, over entire deck using a 10:1 ratio machine or mixed material, then squeegee or notched trowel over the entire deck. Requires a continuous coating application to minimize lines and/or streaking. To obtain proper adhesion between coats, it is imperative that re-coating be done within 24 hours.

CURING

At 75°F (24°C) and 50% relative humidity, allow each coat to cure for a minimum of 2-4 hours. Cure time will vary depending on temperature and humidity. If more than 24 hours passes between coats, re-prime the surface with Umacoat Primer before proceeding.
At 75°F (24°C) and 50% relative humidity, allow a minimum of 48 hours before permitting light pedestrian traffic and at least 72 hours before permitting heavy pedestrian or vehicular traffic on the finished surface. Cure time will vary depending on temperature and humidity. A-TECH 295 is sensitive to heat and moisture. Higher temperatures and/or humidity will accelerate the cure time. Use caution in batch sizes.

EQUIPMENT CLEANUP

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

STORAGE

A-TECH 295 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).

TECHNICAL DATA (Based on draw down film)

Mix Ratio by Volume.....	10A: 1B
Coverage Rate.....	See Guide Specifications
Dry Film Thickness, Exclusive of aggregate, Per coat at 1 gallon/100 sq.ft.....	14 ± 2 mils 356 ± 50 microns
Pot Life at 75°F (24°C) 50% RH.....	30 ± 10 min.
Total Solids by Weight, ASTM D-2369.....	95%
Total Solids by Volume, ASTM D-2697.....	92.8%
Hardness, ASTM D-2240.....	85 ± 5 Shore A
Tensile Strength, ASTM D-412.....	3200 ± 200 psi 22.1 ± 1.4 MPa
Ultimate Elongation, ASTM D-412.....	450 ± 10%
Adhesive Peel Strength on Primed Concrete; ASTM D-903.....	40 pli
Moisture Vapor Transmission, ASTM E-96	1.54
perms	
Water Absorption, ASTM D-471.....	1.3% by weight
Tear Resistance, ASTM D-624.....	300 ± 10% pli
Volatile Organic Compounds ASTM D-2369-81.....	< 0.5 lb/gal < 60 gm/liter
U.V. Stability, Q Panel Weather-O-Meter	2000 hours

LIMITATIONS

- Surfaces must be dry, clean and free of foreign matter.
- Surface may be slippery when wet.
- Containers that have been opened must be used as soon as possible.
- Do not dilute under any circumstances.
- The following substrates must not be coated with A-TECH deck coating products: on grade or below grade slabs, split slabs with buried membrane, sandwich slabs with insulation, slabs over unvented metal pan, suspended pool decks, swimming pools, lightweight concrete, asphalt surfaces and asphalt overlays.

**Manufactured in United States Of America Exclusively For
A-Tech Products & Services Ltd.
#45 Petite Café, Princes Town
Trinidad West Indies
1-868-655-8395 / 1-868-354-5509**

WARNING

This product contains Isocyanates.

**For technical assistance call
1-868-655-8395**

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.

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