

## UV-STABLE, CLEAR, MEDIUM-BUILD POLYASPARTIC COATING FOR MODERATE- AND HEAVY-DUTY COMMERCIAL AND INDUSTRIAL USE

### PRODUCT DESCRIPTION

ProTek™ 95 is a solvent-based two-component 95% solids by weight polyaspartic aliphatic urethane clear coating. ProTek™ 95 can be used as the base coat and the topcoat over decorative flake broadcasts or colored sand broadcasts to provide an infinite array of color schemes or patterns. It has excellent chemical resistance, hardness, abrasion resistance, UV stability and has an excellent clear Gardner

color. However, the outstanding feature of this product is its quick tack free time for foot traffic.

### APPLICATIONS

Recommended for areas where a medium build broadcast floor is desired and installation downtime is very limited. Can also be applied over a broadcasted or troweled system as a thin to medium build sealer.

### TYPICAL DATA FOR PROTEK™ 95 - (CURED RESIN)

#### Compressive Strength

ASTM D 695 ..... 11,500 psi

#### Shore D Hardness

ASTM D 2240 ..... 75

#### Tensile Strength

ASTM D 638 ..... 3,800 psi

#### Ultimate Elongation

..... 2.4%

#### Taber Abrasion

ASTM D 4060 ..... 20 mg/500rev., cs17

#### Shelf Life

Unopened ..... 6 months

#### PRODUCT DATA

**Weight per Gallon** ..... 9.1 lbs/gal (mixed)

**Solids Percentage** ..... 95% by weight, 94% by volume (mixed)

**Viscosity** ..... 1,000-2,000 cps (mixed)

**VOC EPA Method 24** ..... <50 g/l

#### CURE SCHEDULE

**Pot Life** (150gm mass) ..... greater than 2 hour

**Tack Free** (dry to touch) ..... 3-4 hours

**Recoat or topcoat** ..... 3-5 hours

**Light foot traffic** ..... 3-5 hours

**Full cure** (heavy traffic) ..... 24-48 hours

### PACKAGING

ProTek™ 95 is available in one-quart (946.353ml,) one-and-a-quarter-gallon (4.73L) and two-and-a-half-gallon (9.46L) kits.

### SURFACE PREPARATION

The most suitable surface preparation would be a brush blast (shot blast) to remove all laitance and provide a suitable profile. All dirt, foreign contaminants, oil and laitance must be removed to assure a trouble free bond to the substrate. A test should be made to determine that the concrete is dry; this can be done by placing a 4'X4' plastic sheet on the substrate and taping down the edges. If after 24 hours, the substrate is still dry below the plastic sheet, then the substrate is dry enough to start coating. The plastic sheet testing is also a good method to determine if any hydrostatic pressure problems exist that may later cause disbonding.

### MIXING

This product has a mix ratio of 3:2 Part A to Part B by volume. Standard packages are in pre-measured kits and should

### MIXING (Continued)

be mixed as supplied in the kit. After the two parts are combined, mix well with slow speed mixing equipment such as a jiffy mixer until the material is thoroughly mixed and streak free. After mixing, transfer the mixed material to another pail (the transfer pail) and again remix. The material in the transfer pail is now ready to be applied on the primed substrate.

### COVERAGE

Product coverage is 100-160ft<sup>2</sup> per gallon, 10-15 mils wet thickness, depending upon the existing substrate surface profile and thickness of the designed system.

### APPLICATION METHODS

The mixed material can be applied by brush, serrated squeegee, or roller. Maintain temperatures and relative humidity within the recommended ranges during the application and curing process. The product can be used as a topcoat to seal in the broadcasted paint chip or broadcasted quartz base for the final coat. Use an air release



roller tool when needed. Improper mixing may result in product failure. It should be pointed out that relative

**APPLICATION METHODS (Continued)**

humidity can have a dramatic influence on the curing characteristics. The product will dry quicker and have less working time when the relative humidity is higher while a lower relative humidity will lengthen the dry time and working time. Mix only an amount that can be applied in the time allotted. Be sure that any tie-ins to previously applied material is also within the recommended time allotted for use as the previously applied material may begin to tack off in a short period of time.

**LIMITATIONS**

- Color stability may be affected by environmental conditions like high humidity/chemical exposure. Exposure to some types of lighting such as sodium vapor lights may cause discolorations.
- Clarity of color may vary from batch to batch.
- Substrate temperature must be 5°F above dew point.
- Too thick of an application may result in surface imperfections or bubble generation.
- Always apply a test patch to determine product suitability and adhesion performance for your proposed application method and procedures.
- All new concrete must be cured for at least 30 days prior to application.
- Do not expose this product to water until fully cured.
- Physical properties are typical values and not specifications.
- Relative humidity can affect dry time and gel time

**ORDER SPECIFICATION**

Product: ProTek™ 95		
Shipping Weight: 3 lbs (1.36 kg)	Container Size: 1 Quart (0.946 L)	Item No: EP-PT-95-Q-CLEAR
Shipping Weight: 13 lbs (5.9 kg)	Container Size: 1.25 Gallon (4.73 L)	Item No: EP-PT-95-1.25-CLEAR
Shipping Weight: 25 lbs (11.34 kg)	Container Size: 2.5 Gallon (9.46 L)	Item No: EP-PT-95-2.5-CLEAR

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**MAINTENANCE**

For maximum life expectancy, routinely sweep and wash floors with appropriate cleaners and detergents. Some cleaners may affect the color of the floor installed. Test each cleaner in a small area, utilizing your cleaning technique. If no ill effects are noted, you can continue to clean with the product and process tested.

**IMPORTANT INFORMATION**

Use of safety goggles, chemical-resistant gloves, adequate ventilation and NIOSH/MSHA approved respirator is recommended.

**CLEAN UP**

Clean tools with xylene. In case of spills wear suitable protective equipment, contain spill, collect with absorbent material, place in suitable container. Ventilate area. Avoid contact. Dispose according to applicable local, state, and federal regulations.

**FIRST AID**

In case of skin contact, wash thoroughly with soap and water. For eye contact, flush immediately with plenty of water for at least 15 minutes. For respiratory problems, remove person to fresh air. Contact physician immediately. Wash clothing before re-use.

**Consult Material Safety Data Sheet for More Information**

**FOR INDUSTRIAL USE ONLY  
KEEP OUT OF REACH OF CHILDREN**

FOR THE LOCATION OF YOUR NEAREST CONCRETE COATINGS INC. REPRESENTATIVE, CALL NATIONWIDE TOLL-FREE 1-800-443-2871