



# PC-280

## Two Component, Solvent Free Elastomeric Base Membrane

### DESCRIPTION

Turbo-Liner 280 is a two component, very rapid setting, rapid curing, solvent free, flexible, high performance, and high solids urethane elastomeric coating that can be applied to suitably prepared interior or exterior concrete, plywood and metal surfaces. Due to very rapid gel time, Turbo-Liner 280 is suitable for applications in temperatures as low as 20°F. It may be applied in a single or multiple applications. Turbo-Liner 280 is also relatively insensitive to moisture and temperature allowing applications in varied temperatures and humidity.

### FEATURES

- ❖ Non-Gassing
- ❖ Very rapid setting and cure
- ❖ Coats Green (Vented) Concrete
- ❖ Can Be Applied at Any Thickness
- ❖ Good Thermal Stability
- ❖ Good Chemical Resistance
- ❖ Meets USDA Criteria
- ❖ Excellent Low Temperature Flexibility
- ❖ Interior or Exterior Applications
- ❖ Recoatable
- ❖ Seamless

### TYPICAL USES

- ❖ Vehicular Traffic Areas
- ❖ Sundecks & Balconies
- ❖ Crack Repair
- ❖ Stalls, Wash Racks, Kennel Runs
- ❖ Exterior & Interior Pedestrian Traffic Surfaces such as Walkways, Patios, Stairways
- ❖ Interior Surfaces such as Floors, Mechanical Rooms

### COLORS

Grey. Custom colors are available upon request with minimum order quantity and additional cost may apply.

### PACKAGING

5 gallon kit: One 5 gallon pail (net 4 gallons) of Part-A and One 1 gallon can of Part-B.

1 gallon kit: One 1 gallon can (net 0.8 gallons) of Part-A and One quart can (net 0.2 gallons) of Part-B.

### COVERAGE

Turbo-Liner 280 may be applied at any rate to achieve desired thickness. Theoretical coverage for 1 mil thickness is one gallon per 1520 sq. ft.

### SURFACE PREPARATION

Refer to general guidelines for complete information.

### MIXING

NOTE: Turbo-Liner 280 may not be diluted under any circumstances. Proportions are premeasured.

Using a mechanical mixer, first pre-mix separately Part-A and Part-B base material thoroughly to obtain a uniform color,

### TECHNICAL DATA (Based on draw down film)

Solids by Volume .....	95%
Pot Life (min @ 75°F, 50% RH) .....	9 minutes
Tack Free Time .....	3-4 hours
Hardness, ASTM D-2240 .....	80 ± 3 A
Tensile Strength, ASTM D-412 .....	2500 ± 100 psi
Elongation, ASTM D-412 .....	800 ± 100 %
Tear, ASTM D-624 .....	300 ± 25 pli
Split Tear, ASTM D-470 .....	100 ± 10 pli
Total Solids, Volume, ASTM D-2697.....	95%
Volatile Organic Compounds*	
ASTM D-2369-81 .....	0.49 lb/gal 59 gm/liter

\*Contains some high boiling colorless plasticizers

making sure to scrape the solids from the bottom and sides of the pail.

Pour Part-B into Part-A slowly and while mixing, scrape the sides of the container. Mix for 1-2 minutes. Box the materials. Mix the combined Part-A and Part-B mixture thoroughly until uniform color is obtained.

### APPLICATION

For best results, use a squeegee or notched trowel to spread Turbo-Liner 280 evenly over the entire deck.

Turbo-Liner 280 should be applied at a temperature of 20°F and above. Curing time will depend on temperature.

Requires a continuous coating application to minimize lines and/or streaking.

### CURING

At 70°F (21°C) and 50% relative humidity, allow each coat to cure for 2-4 hours before proceeding subsequent coats.

### EQUIPMENT CLEANUP

Equipment should be cleaned with an environmentally safe, urethane-grade solvent (alcohol free) as permitted under local regulations immediately after use.

### STORAGE

Turbo-Liner 280 has a shelf life of one (1) year from date of manufacture in factory-sealed containers.

### LIMITATIONS

Do not open until ready to use. Any off ratio mixing of the product will affect the properties and the product may not cure.

Turbo-Liner 280 should be used as a base membrane only. Topcoat must be applied.

Turbo-Liner 280 cannot withstand direct wear and abrasion. The following conditions must not be coated with Turbo-Liner deck coating systems or 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, magnesite, lightweight concrete, asphalt surfaces and asphalt overlays.

**WARNING**

This product contains Isocyanates and Curative Material.

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*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 Turbo Products representative or visit our website for current technical data and instructions.*

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