**DESCRIPTION**

Turbo-Liner 7502 is a fast setting, rapid curing, 100% solids, flexible, aliphatic, two component spray polyurea with excellent color retention, that can be applied to suitably prepared interior or exterior concrete and metal surfaces. Its extremely fast gel time makes it suitable for applications down to -20°F. It may be applied in single or multiple applications without appreciable sagging and is relatively insensitive to moisture and temperature allowing application in most temperatures. Turbo-Liner 7502 offers a tack free time of less than two minutes and exhibits 220% elongation upon curing with 50 Shore D hardness.

**FEATURES**

- Excellent Color Retention
- Excellent Thermal Stability
- Low Temperature Flexibility
- Zero VOC (100% Solids)
- Interior or Exterior Applications
- Good Chemical Resistance
- Coats Carbon or Mild Steel Metals without Primer
- Installed With or Without Reinforcement in Transitional Areas

**TYPICAL USES**

- Airports
- Refineries
- Fertilizer Plants
- Mining Operations
- Food Processing Plants
- Marine Environments
- Secondary Containment
- Walkways and Balconies
- Water and Waste Water Treatment
- Industrial and Manufacturing Facilities

**COLORS**

Clear/Neutral. Custom colors are available upon request. Color Packs, when used, must be added to Part-B.

**PACKAGING**

10 gallon kit: 5 gallons Part-A (Isocyanate side) and 5 gallons Part-B (Resin side).

100 gallon kit: 50 gallons Part-A (Isocyanate side) and 50 gallons Part-B (Resin side).

**COVERAGE**

Turbo-Liner 7502 may be applied at any rate to achieve desired thickness. Theoretical coverage for 1 mil thickness is one gallon per 1600 sq. ft.

**SURFACE PREPARATION**

In general, coating performance and adhesion are directly proportional to surface preparation. Most failures in the performance of surface coatings can be attributed to poor surface preparation. Polyurea coatings rely on the structural strength of the substrate to which they are applied. All surfaces must be free of dust, dirt, oil, grease, rust, corrosion and other contaminants. When coating substrates previously used, it is important to consider the possibility of substrate absorption, which may affect the adhesion of the coating system, regardless of the surface preparation. Turbo Products recognizes the potential for unique substrates from one project to another. The following information is for general reference, and for project-specific questions, contact Turbo Liner Products.

**NEW AND OLD CONCRETE**

Refer to SSPC-SP13/NACE 6, or ICRI 03732: CSP 3-5. New concrete must be cured for 28 days prior to product application. Surface must be clean, dry, sound and offer sufficient profile for product adhesion. Remove all dust, dirt, oil, form release agents, curing compounds, salts, efflorescence, laitance and other foreign matter by shotblasting and/or suitable chemical means, in accordance with local chemical regulations. Rinse thoroughly, to achieve a pH between 8.0 and 11.0. Allow to dry completely. If old concrete has a surface that has deteriorated to an unacceptably rough surface, Turbo-Liner 260 or a mixture of Turbo-Liner 21 and sand should be used as a repair agent for cracks, spalls, bug holes and voids. Upon full cure of the repair agent, prime the entire surface intended for coating.

**CONCRETE SURFACE PREPARATION REFERENCE:**

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Liner were obtained in a controlled environment and Turbo Products makes no claim that these tests or any other tests, accurately represent all environments.

Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results 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.

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 users responsibility to satisfy himself, by his own information and test, to determine suitability of the surface after the coating system has been applied and affect the coating system adhesion. An adhesion test is recommended prior to starting the project.

## All Other Surfaces:
An adhesion test is recommended prior to starting the project.

### MIXING
Turbo-Liner 7502 may not be diluted under any circumstances. Thoroughly mix Turbo-Liner 7502 Part-B (Resin side) with air driven power equipment until a homogeneous mixture and color is obtained.

### APPLICATION
Both Part-A and Part-B material should be preconditioned at 80-90°F before application. Recommended surface temperature must be at least 5°F above the dew point. Turbo-Liner 7502 should be applied using a plural component, heated, high pressure 1:1 spray mixing equipment like Graco’s Reactor, Glass Craft or other equivalent machine may be used.

Both Part-A and Part-B materials should be sprayed at a minimum of 2000 psi and at temperatures above 150°F. Adequate pressure and temperature should be maintained at all times. Turbo-Liner 7502 should be sprayed in smooth, multi-directional passes to improve uniform thickness and appearance.

### STORAGE
Turbo-Liner 7502 has a shelf life of one (1) year from date of manufacture in original, factory-sealed containers. Avoid freezing temperatures. Store drums on wooden pallets to avoid direct contact with the ground. If stored for a long period of time, rotate Part-A and Part-B drums regularly.

### LIMITATIONS
Do not open until ready to use.

### WARNING
This product contains Isocyanates and Curative Material. This product is considered Dangerous Goods. DOT regulations classify it as:

- **Part-A:** TOXIC LIQUID, organic, N.O.S. (Isophorone Diisocyanate), Class 6.1, UN 2810, PG III, TOXIC
- **Part-B:** AMINES, liquid, corrosive, N.O.S (polyoxypropyldiamine), Class 8, UN 2735, PG III, CORROSIVE

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

**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 users responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard 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 the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and Turbo Liner Products makes no claim that these tests or any other tests, accurately represent all environments.