STEALTH™
FAST SET SPRAY POLYUREA

PHOENIX PROTECTIVE COATINGS

PRODUCT DATA SHEET

804 Summer Park, Suite 450
Stafford, TX 77477
www.phoenixliners.com

1. PRODUCT DESCRIPTION

Stealth™ is a two-component, polyurea elastomeric spray system that has been developed for applications such as geotextile lining membranes. It is a 1:1 mix ratio. volatile free. system. Stealth has less shrinkage and improved elongation characteristics. Stealth is an excellent polyurea for liners, geotextile coatings, and other applications where resilience and durability are required, and it can be applied 10-200 mils in a single application.

2. USES

Typical Stealth applications include but are not limited to: waterproofing membranes. koi ponds. water features, geotextile coatings, foam coatings, flexible membranes, roofs, and many more. Working and installation temperatures can range from -20 °F - 250°F. Stealth™ Fast Set Spray Polyurea provides many advantages - rapid cure, broadcastable, odorless, and minimal downtime,

3. PHYSICAL PROPERTIES

Durometer Hardness (Shore A), *ASTM D2240*	50 - 55
Solids Content, %	100%
Tensile Strength (psi), *ASTM D412*	2500 - 2700 psi
Elongation, *ASTM D412*	300 - 350%
Tear Strength (pli), *ASTM D624C*	400-450 pli

4. PROCESSING CHARACTERISTICS

Material Drum Temperatures	70°F - 100°F
Process Temperatures	155° - 160°F
Mix Pressures	2000 – 2500 psi
Gel Time	4 - 6 seconds
Tack Free Time	9 - 11 seconds
Return to Service Use	1 hour

The value ranges stated in this Technical Data Sheet are based on system processing under laboratory conditions. Equipment configurations and/or field application conditions may produce variances in final system values.

Limitations: Stealth should not be used for direct contact with extremely high or low pH attack. Composite systems are available. Consult your Phoenix representative.

5. APPLICATION REQUIREMENTS

General: Spray equipment must be designed to produce a minimum of 2000 psi with an output of 1.5 gallon per minute. The heating component of the equipment must maintain a temperature at the gun of 140-145 °F. The hose on the equipment must be heated and be rated a minimum of 3,000-psi burst pressure. The spray gun must also be rated at the pressures and throughputs required. Stealth must be spray applied using approved equipment. Use 1 :1 ratio pump with appropriate material heaters, as required for individual application.

Surface Prep & Installation: *Metal:* SSPC SP-1 O or NACE No. 2 (Near White Metal Blast Cleaning).*Concrete:* abrasive blast to achieve a CSP of 3 to 5. The substrate must be dry! A minimum ambient temperature of 5 'F above the dew

point is mandatory. The ambient relative humidity should not be above 85%. Product working temperature range is -20 - 250 T Pin-holing may occur if the above parameters are not strictly followed: it is up to the applicator to check initial climatic conditions. It is recommended that a small area be sprayed and checked for proper application. The film will reach light traffic or operating conditions in 60 - 120 minutes.

Coverage: The material theoretically will cover 80 square feet per gallon at 20 mil dry film thickness. Coverage of the substrate should include a waste factor based on conditions at the site and type of substrate to which the material is being applied.

Clean up: Cured product may be disposed of without restriction. Excess liquid 'A' & 'B' material should be mixed together and allowed to cure, then disposed of in the normal manner. Product containers that are "drip free" may be disposed of according to local, state and federal laws.

6. TRANSPORTATION & SHELF LIFE

Liquid materials should be stored at temperatures between 55°F and g5°F in sealed containers. The A-side omponent should always be blanketed with nitrogen gas. Material shelf-life is 6 to 12 months. Consult product SDS for proper safety and handling procedures of components.

7. DISCLAIMER

The data presented herein is not intended for use by nonprofessional applicators, or those persons who do not purchase or utilize this product in the normal course of their business. The potential user must perform any pertinent test in order to determine the product's performance and suitability in the intended application, since final determination of fitness of the product for any particular use is the responsibility of the buyer.

8. SAFETY

Review SDS at www.PhoenixLiners.com. Basic safety for personal protection is:

- Long sleeve overalls or disposable Tyvek overalls
- Splash shield or safety glasses with splash guards
- Rubber gloves
- Respirator / Supplied Air System / Headsock
- Do not take internally; wear rubber or leather boots
- Do not use near high heat or open flame
- Keep out of reach of children

9. TECHNICAL SUPPORT SERVICES

Technical Services, Sales, and Customer Support: (888) 492-3339.

10. WARRANTY

Phoenix MCBS, LLC will repair or replace product it finds to be defective provided the product has been used properly. Except as expressly stated above, the Company makes no warranty of merchantability and no warranty of fitness for any particular purpose, nor does it make any warranty, expressed or implied, of any nature whatsoever with respect to the product or its use. In no event shall the company be liable for delay caused by defects, for loss of use, for indirect, special or consequential damages, or for any charges or expenses of any nature incurred without its written consent.