



Bullet Liner 61

Description

BULLET LINER 61 is a two-component, 1:1 hybrid polyurea elastomer spray system. This proven formulation is suited for the following applications: truck bed liners, trailers, military applications and service/fleet vehicles. This product provides a flexible but extremely tough monolithic membrane with excellent water and chemical resistance. It can be sprayed even in cold climates. BULLET LINER 61 has a uniform, textured surface that exhibits excellent adhesion to most materials and is suitable as a protective-abrasive-impact liner for cementitious, wood, and/or metal surfaces.

Typical Properties

	"A"	"B"
Brookfield Visc. @78° F, 20RPM	800-1400 cps	800-1100 cps
Specific Gravity	1.11	1.02
Color	Clear Yellow	Black

Typical Processing Data

	"A"	"B"
Mix Ratio (Parts by Vol.)	50	50
String-Gel Time	3-5 seconds	
Dry-to-Touch Time	5-8 seconds	

Typical Cured Properties

	"A"	"B"
Color	Black	
Durometer (ASTM D2240)	95-100 Shore A	
Tensile Strength (ASTM D412)	1600 PSI	
Elongation (ASTM D5034)	180%	
Die-C Tear Strength (ASTM D624)	300 PLI	
Dolly Adhesion (ASTM D4541)	>1500 PSI	

BULLET LINER

Application Requirements

Spray Equipment

Spray equipment must be designed to produce a minimum of 2,500-psi with an output of 1.5 gallon per minute. The heating component of the equipment must be able to maintain a temperature at the gun of 150° 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.

Substrate Parameters

The substrate must be dry! Proper substrate prep is critical to application success! A minimum of 5° F above the dew point is mandatory. The ambient relative humidity should not be above 85%. Product working temperature range is -40° F to 280° F. 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 shall be sprayed and checked for proper application. Applicator may continue, if upon close inspection, the sprayed sample meets quality standards.

Coverage

The material theoretically will cover 1,604 square feet at 100 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.

Storage

Liquid materials should be stored at temperatures between 55° F and 95° F in sealed containers. A-side component should always be blanketed with nitrogen gas. Material self-life of 6 to 12 months. Consult product SDS for proper safety and handling procedures of components.

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.

Call Carlisle Polyurethane Systems for technical questions. 855-2-BULLET (28-5538).

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