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PRODUCT TECHNICAL DATA BULLET LINER 3

DESCRIPTION

BULLET LINER 3 is a 100% polyurea spray elastomer with exceptional physical properties. Its instantaneous reactivity and one-to-one ratio makes **BULLET LINER 3** an excellent choice for high performance applications.

PROPOSED USES

BULLET LINER 3 is designed for use in harsh environments where high temperature, chemical, and/or abrasion resistance is needed. It exhibits excellent adhesion to most materials and is suitable as a protective-abrasive-impact liner for cementitious, wood, and/or metal surfaces.

TYPICAL PROPERTIES

Property	Test Method	“A”	“B”
Color	N/A	Off-white	Amber/ Black
Specific Gravity	ASTM D-1638	1.18	1.02
Viscosity	Brookfield LVF	600 cps +100	500 cps + 100
Gel time	String method	5 sec	5 sec
Dry to touch	Touch	10 sec	10 sec
Mixing Ratio	By Volume	50	50
Pounds Per Gallon	From Spec. Gravity	9.83	8.5

PHYSICAL PROPERTIES

DENSITY (PCF)	(ASTM D-1622)	70
SHORE A HARDNESS	(ASTM D-2240)	90 - 95
SHORE D HARDNESS	(ASTM D-2240)	60
TENSILE STRENGTH	(ASTM D-2370)	2900 psi min.
ELONGATION	(ASTM D-2370)	150% ave.
TEAR STRENGTH	(ASTM D-1004)	550 pli min.
TABER ABRASION (H-18 WHEEL, Loss/1000 CYL)		0.014%

APPLICATION REQUIREMENTS

BULLET LINER 3

Spray Equipment: 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 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! A minimum of 5°F above the dew point is mandatory. The ambient relative humidity should not be above 85%. Pin holing may occur if the above parameters are not strictly followed. Applicator shall check initial climatic conditions. A small area shall be sprayed and check 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.

Call **Bullet Liner** for technical questions. 314-872-8700.

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