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## PRODUCT TECHNICAL DATA BL-71

### DESCRIPTION

**BL-71** is a 100% polyurea spray elastomer with exceptional physical properties. Its instantaneous reactivity and one-to-one ratio makes **BL-71** an excellent choice for high performance applications.

### PROPOSED USES

**BL-71** 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. This 4<sup>th</sup> generation pure urea coating is perfect for blast mitigation and ballistic armament.

### TYPICAL PROPERTIES

Property	Test Method	"A"	"B"
Color	N/A	Off-white	Amber/ Black
Specific Gravity	ASTM D-1638	1.12	1.08
Viscosity	Brookfield LVF	900 cps +100	1000 cps + 100
Mixing Ratio	By Volume	50	50
Pounds Per Gallon	From Spec. Gravity	10.3	8.3

## **PHYSICAL PROPERTIES**

<b>DENSITY (PCF)</b>	<b>(ASTM D-1622)</b>	<b>70</b>
<b>SHORE A HARDNESS</b>	<b>(ASTM D-2240)</b>	<b>90 - 95</b>
<b>SHORE D HARDNESS</b>	<b>(ASTM D-2240)</b>	<b>60</b>
<b>TENSILE STRENGTH</b>	<b>(ASTM D-2370)</b>	<b>2900 psi minimum</b>
<b>ELONGATION</b>	<b>(ASTM D-2370)</b>	<b>225% minimum</b>
<b>TEAR STRENGTH</b>	<b>(ASTM D-1004)</b>	<b>550 ppi minimum</b>
<b>TABER ABRASION (H-18 WHEEL, 1000 CYCLES)</b>		<b>0.013% weight loss</b>

Call **Bullet Liner** for technical questions. 770-607-0755.

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