



TECHNICAL DATA SHEET





PATRIOT LINER TECHNICAL DATA

DESCRIPTION

Patriot Liner is a two-component, 100% solids polyurea hybrid coating system. This purpose built formulation utilizes the highest quality raw ingredients to ensure a consistently applied high performance protective coating for truck beds. For outside the bed applications, the desired performance and suitability should be tested and qualified by the applicator.

PATRIOT LINER RESIN COMPONENT

Specific Gravity @ 77° F	1.01
Viscosity @ 77° F	600 CPS

PATRIOT LINER ISOCYANATE COMPONENT

Specific Gravity @ 77° F	1.15
Viscosity @ 77° F	600 CPS

PATRIOT LINER SYSTEM RATIO

Parts by Volume	50 Resin/50 Isocyanate
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REACTIVITY

Hand Mix Time	3-6 Seconds
Hand Mix Gel Time	6-10 Seconds
Return Time to Service	24 Hrs

For more information on this product visit PatriotLiner.com or email Info@PatriotLiner.com

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PATRIOT LINER TECHNICAL DATA

TYPICAL PHYSICAL PROPERTIES

Hardness, ASTM D 2240	48 Shore D (approx. 95 Shore A)
Tensile Strength, ASTM D 1623	2,200 PSI
Elongation, ASTM D1623	123%
Abrasion Resistance, ASTM D 4060, 1,000 Cycles, 1,000 g	118 g
Tear Resistance, ASTM D 1004, Graves	340 PLI
Water Absorbtion, 24 hr immersion, % weight change	0.853%

STORAGE RECOMMENDATIONS

Shelf Life	1 Year
Temperature	60° F - 80° F

HANDLING AND APPLICATION RECOMMENDATIONS

Polyurethanes and polyurea coating systems should always be processed where there is adequate ventilation. Safety glasses and protective gloves are strongly recommended. For more information, consult the product Safety Data Sheet (SDS)

Recommended equipment - Graco Reactor EXP-1 or higher. 155° F on all three heaters. 2500 psi suggested.

SAFETY

For information regarding safe product handling, consult the product Safety Data Sheet.

For severe spills and emergencies contact CHEMTREC at 1.800.424.9300 or your local Patriot Liner Rep

For more information on this product visit PatriotLiner.com or email Info@PatriotLiner.com

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