



CHEMICAL PROTECTION PERFORMANCE

Bullet Liner coated specimens were submerged into commonly used chemicals to test the physical properties after 30 days, 6 months, and 1 year.

DESCRIPTION



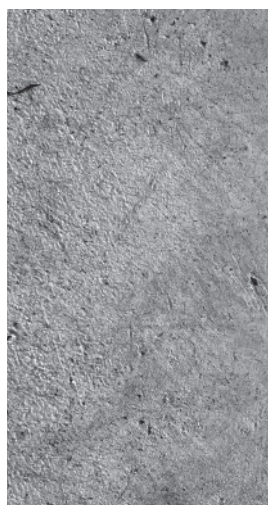


Carlisle Polyurethane Systems develops, manufactures and markets Bullet Liner high-quality, impenetrable protective coating solutions for the light industrial, heavy industrial, automotive, and storage tank applications.

The bond that binds our protective spray coating products to virtually any metal, wood, rubber, plastic, or steel surface creates a seal so incredibly strong that the coating surface is completely safeguarded against a host of devastating elements. Engineered to be abrasion-proof and watertight, Bullet Liner protective spray coatings will not crack, flake, or peel.

PROTECTS A WIDE VARIETY OF SURFACES

Wood, Steel, Concrete, Aluminum, Fiberglass, Polystyrene, Styrofoam, Drywall and much more



BULLET LINER PUT TO THE TEST

Chemical Resistance Testing is utilized for evaluating the resistance of coatings to various test fluids. One of the most important evaluation methods for coatings is simply determining if they will be able to withstand the environment they may encounter during service. Chemical resistance assesses the ability of a protective coating to resist degradation by chemicals before they are placed in service. The Bullet Liner specimens were submerged into commonly used chemicals to test the physical properties after 30 days, 6 months, and 1 year.



CHEMICAL RESISTANCE TESTING RESULTS

	BL1	BL RPM	BL Velocity	BL M1	BL M2	BL M-Armor
	Rating	Rating	Rating	Rating	Rating	Rating
HCl, 10%	C	A	A+	A+	A+	A+
HCl, 27% @ 120°F	NR	NR	NR	NR	NR	NR
H2SO4, 20%	A	A	A+	A+	A	A
H2SO4, 60%	NR	NR	NR	NR	NR	NR
H3PO4, 10%	B	NR	A+	B	B	A+
NaOCl, 5%	A+	C	B	C	A+	C
NaOCl, 12%	B	NR	B	C	C	C
NaOH, 50%	A	A	A+	A+	A+	A+
Castor Oil	A+	A+	A+	A+	A+	A+
NH4OH, 10%	C	A	A+	A+	B	B
Diesel Fuel	B	A	A+	A+	A	B
Gasoline	NR	NR	NR	NR	B	NR
H2O @ 70°C	C	B	A+	A+	A+	A+
H2O ROOM TEMP.	A+	A+	A+	A+	A+	A+
Motor Oil	A+	A+	A+	A+	A+	A+
Ethylene Glycol	B	A	A+	A+	A+	A+
Mineral Spirits	A+	A	A+	A+	A+	A
Paint Thinner	NR	NR	NR	NR	NR	NR
Sea Salt, 25%	A+	A+	A+	A+	A+	A+
Isopropyl Alcohol	NR	NR	NR	NR	C	NR
Xylene	NR	NR	NR	NR	NR	NR
De-natured Alcohol	NR	NR	NR	NR	NR	NR
Kerosene	B	B	B	B	B	C

A+	Suitable for continuous immersion
A	Suitable for continuous immersion or exposure for up to 3 months
B	Suitable for temporary immersion or exposure
C	Suitable for temporary exposure or incidental contact
NR	Not Recommended
NT	Not Tested



2500 Adie Road
Maryland Heights, MO 63043

www.bulletliner.com

05.13.24 © 2024 Carlisle.
"Bullet Liner: Chemical Protection Performance"

Carlisle and Bullet Liner are trademarks of Carlisle.