

INTER-LINER™ Aromatic Polyurea Coating

INTER-LINER is a two component, 100% solids, aromatic polyurea durable coating that is used to protect against abrasion, corrosion, chemicals, and provide anti-skid protection. **INTER-LINER** offers high tensile strength and impressive elongation. Will not crack, peel or warp when permanently bonded to a properly prepared surface.

Applications: Truck bedliners, undercoating, rocker panel protection, floor pans, trunk lining, truck fender protection, dump trucks beds, recreational vehicles, emergency vehicles, utility trailers, horse trailers, anti-skid floor applications, decks, steps, mining equipment preservation, solid waste handling equipment, water and sewage treatment equipment, tanks, pipes, hoppers, agriculture equipment, military blast protection, architectural structures and many more.



AVAILABLE:	8708	1500ml Dual Cartridge - Black (with one Medium spray mixer)	6/case
	8709	1500ml Dual Cartridge - Gray (with one Medium spray mixer)	6/case
	8747	Fine Static Mixer Atomizer	6/pkg
	8736	Medium Static Mixer Atomizer	6/pkg
	8741	Heavy Static Mixer Atomizer	6/pkg
	96217	HSS Regulator Kit (for #96218 gun)	1/case
	96218	Pneumatic Gun - Disp. 1500ml 1:1	1/case
	96218WR	Pneumatic Gun - Disp. 1500ml w/regulator	1/case

PHYSICAL PROPERTIES

Color:	Black or Gray
Coverage:	Each case of six (1500 ml kit) will cover 100 sq./ft. @ 38mil
Gel Time (sec) @ 77°F:	10 - 15 seconds
Tack Free (minutes) @ 77°F:	1 minute
Walk On Time @ 77°F:	1 Hour
Light Duty Time @ 77°F:	8 Hours
Heavy Duty/Full Cure Time @ 77°F:	24 Hours
Tensile Strength: ASTM D-412	
Strength (p.s.i. at break, @25°C):	2200
Elongation (% at break, @25°C):	250
Tear Resistance: ASTM D-624	
Die C Tear Resistance (pli):	295
Split Tear (pli):	130
Shore Hardness:	A: 88 - 92
Taber Abrasion Test:	Excellent
Taber Abrasion c17, 1000g	11.6mg/1000 cycles

LIQUID PROPERTIES

Viscosity mPas @ 25°C	
Polyol Component	900
Polyisocyanate Component	400
Brookfield Viscometer Spindle Size SV II St	
Exotherm Peak Temperature 100 gram mass	175°F
Flash Point, PMCC, °F	
Part A Isocyanate	420.8°F
Part B Polyol	354.2°F
Density:	
Polyol Component	1.02
Polyisocyanate Component	1.15

SHELF LIFE: 6 months from date of purchase
APPLICATION TEMP: approx. 65°F to 95°F
SERVICE TEMPERATURE: -40°F to 250°F
STORAGE TEMP: approx. 60°F to 95°F

CHEMICAL RESISTANCE

CHEMICAL	EXPOSURE	USE
Water	Minimal Swelling	Recommended
Salt Water	Minimal Swelling	Recommended
47.5% Ethanol	Swelling/Property Loss	Not Recommended
50% Acetic Acid	Swelling/Property Loss	Not Recommended
40% Caustic Soda	Minimal Swelling	Recommended
20% Sulfuric Acid	Minimal Swelling	Recommended
Ethylene Glycol	Minor Swelling/Property Loss	Conditionally Recommended
Diesel Fuel	Major Swelling/Property Loss	Not Recommended
Motor Oil	Minor Swelling	Recommended
Grease/Fats	Minimal Swelling	Recommended
Aromatic Solvents***	Major Swelling/Property Loss	Not Recommended
5% Nitric Acid	Minimal Swelling	Recommended
5% Sulfurous Acid	Minimal Swelling	Recommended
Milk of Lime	Minimal Swelling	Recommended
Sodium Sulfate	Minimal Swelling	Recommended
40% Formaldehyde	Minimal Swelling	Recommended
50% Propionic Acid	Major Swelling/Property Loss	Not Recommended
Ethyl Acetate	Major Swelling/Property Loss	Not Recommended
Diethyl Amine	Major Swelling/Property Loss	Not Recommended

These items are provided for general information only. They are approximate values and are not part of the product specifications, therefore, it is imperative that you test this product to determine your own satisfaction whether it is suitable for your intended use.

****Aromatic solvents tested include Acetone, Benzene, Carbon Tetrachloride, Chlorobenzene, Ethyl Acetate, Methylene Chloride, Naphthalene, Trichloroethane, Toluene and Xylene.*

Minimal Swelling = 0% to 2% by volume.

Minor Swelling = 3% to 5% by volume.

Major Swelling = 10% or greater by volume.

NOTE: INTER-LINER Aromatic Polyurea Coating contains UV stabilizers to keep it from cracking, peeling or warping while it is exposed to the UV rays of the sun. However, the product will lose its gloss over time when exposed to UV light for extended periods of time.

LIMITED WARRANTY - International Epoxies & Sealers (IES) warrants that Inter-Liner and Inter-Liner Hybrid UV products will be free from defects in material and workmanship and when used in accordance with the Inter-Liner directions, that it will not crack, bubble or peel. IES shall not be liable for any problems or claims arising from: faulty installation, malfunction, misuse, misapplication, applicator error, negligence, accidents, ancillary or collateral damage. IES's entire liability under this warranty will be to replace any Inter-Liner Product at no charge in which IES has determined the product to be defective.