

PRODUCT TECHNICAL DATA SHEET



DYNA - PUR 9051BL Aliphatic Pure Polyurea

Test Type	Property	Test Method	Unit of Measure	9051BL Aliphatic Polyurea
A D H E S I O N	Typical Adhesion Performance - Adhesion Force (psi)	DelFesko PosiTest AT-CM *Substrate/Condition: Concrete - Unprimed Metal - Unprimed	psi	1100*
			psi	448
P H Y S I C A L	Elongation (percent)		percent	200
	Tensile Strength (psi)		psi	2200
	Shore D Hardness			45
P R O P E R T I E S C U R I N G	Working Time	(dependant upon temperature and batch size)		20-30 min.
	Dry to Touch	(dependant upon temperature)		60-90 min.
	Recoat Window	(dependant upon temperature)		60-90 min.
	Return to Service	(dependant upon use)		8-48 hours
U V R E S I S T	Typical UV Resistance	QUV Accelerated UV Exposure Testing * 30 Mil (approx.) Brushed Coating - Standard White Color	1000 hours approximately simulates 1 year direct sunlight exposure	2000 hours QUV exposure with less than a Δ2 color change
C H E M I C A L	Chemical Test	Immersion at 25C for 7 days unless otherwise indicated		
	Acetic Acid 100%			T
	Acetone			S
	Anifreeze 50% Ethylene Glycol			R
	Battery Acid (Sulfuric at 35%)			T
	Brake Fluid			R
	Gasoline			R
	Hydrochloric Acid 10%			R
	Motor Oil			R
	Sodium Hydroxide 10%			R
	Sulfuric Acid 10%	Immersion at 25C for 10 days		R
	Toluene			T
	Water (at 25 C°)			R
Legend:		R = Recommended for use S = Color Staining (No change of physical properties) C = Caution (Some swelling, cracking or damage may occur) N = Not recommended for use T = Testing underway		

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