

LAB TEST ON D.G.K. ANTI-SKID EXTERIOR COATING

The purpose of this test was to determine compliance with the requirements of MIL-W-5044, Type II.

	Results	Required Specification
Total solids, % by weight	84.9	60.0 minimum
Weight, ounces per square yard	24.8	20-25
Thickness of coating, inches	0.05	0.05
Drying time, minutes	12	15
Water Extraction, %	0.8	5.0 maximum
Elevated temperature resistance	No flow	No flow
Flexibility	No cracking	No cracking
Adhesion to metal	Excellent	Good
Adhesion to fiberglass	Excellent	Good
Adhesion to wood	Excellent	Good
Oil resistance	Passes test	Shall pass
Coefficient of friction		
Leather	1.25	1.00 minimum
Rubber	1.06	0.5 minimum
Impact resistance, inches per pound	Over 60.0	40.0 minimum
Abrasion resistance	Excellent	Good
Weathering resistance (168 hours accelerated weathering)	No loss of adhesion No discoloration	
Flammability	None	
Combustibility	Self-extinguishing	
Water solubility	0.8% by weight	
Flexibility	No cracking	
Impact resistance (direct)	Over 60 in-lb	
Resistance to oil	Excellent	
Resistance to water	Excellent	
Resistance to sea water	Excellent	
Adhesion to steel	Excellent	
Adhesion to wood	Excellent	
Adhesion to fiberglass	Excellent	

Based on the above test data, we are of the opinion that the coating has excellent performance characteristics.

The material complies with the requirements of MIL-W-5044 and exceeds these in several characteristics.

300 hrs. = 1 year outdoor exposure.

1000 hrs. = 3 years and 4 months outdoor exposure.