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MJ-II™

FAST SET SPRAY POLYUREA ELASTOMER

Preliminary Data 08.02.11

WET PROPERTIES @ 77°F (25°C)	
Solids by Volume	100%
Solids by Weight	100%
Volatile Organic Compound	0 lbs/gal (0g/l)
Theoretical Coverage	100 sq. ft. @ 16 mils/gal.
Weight per gallon (approx.)	8.55 lbs. (3.87 kg)
Number of Coats	1 – 2
Mix Ratio	1 "A": 1 "B"
Viscosity (cps) @ 77° F (25° C)	"A": 800 approx. "B": 600 approx.
Shelf Life Unopened Containers @ 60° – 90°F (15° - 32°C)	Six months

DRY PROPERTIES @ 70 mils (1.77mm)*	
Tensile Strength ASTM D638	3287 PSI (22.84 mpa) Average
Elongation ASTM D638	405% Average
Hardness (Shore A) ASTM D2240-81	98 (0s)
Hardness (Shore D) ASTM D2240-81	55 (0s)
Tear Resistance ASTM D 624	550 pli (96.31 KN/m) Average
Service Temperature	-40°F - +200°F -40°C - +93°C

*All cured film properties are approximate since processing parameters, ad-mixture types, and quantities will change physical properties of cured elastomer. All samples for above tests were force cured or aged for more than three weeks. It is recommended that the user perform their own independent testing. The samples for tests were sprayed with Gusmer HV-20/35 @ 2500 psi dynamic (172 bar). Primaries/Hose Heat 170°F (77°C) Gusmer Gap Pro Gun with 00 chamber. Test results from Huntsman Corporation

REACTIVITY CURING SCHEDULE @ 70°F (21°C)	
Gel	3 sec.
Tack Free	6 sec.
Post Cure**	24 hours
Recoat	3 min. – 6 hours

**Complete polymerization to achieve final strength can take up to several days, depending on a variety of conditions.

Note: Currently, this product is manufactured exclusively by our Lakewood, Washington facility. Therefore, please allow additional transit time, as well as additional transportation charges to certain geographic areas.