

SBR-10 FS

Aliphatic Polyurea Coating - Fast Setting

SBR-10 FS is the new generation of aliphatic polyurea elastomer technology, developed for faster dry time and thinner millage build. This aliphatic polyurea technology is a 100% polyurea system, and contains exempt solvents. **SBR-10 FS** is designed for a variety of application areas where high performance, high gloss, good color retention and ease of application are required.

Due to its unique formulation the **SBR-10 FS** polyurea elastomer system can be applied by spray, roller or brush techniques to achieve a thin, uniform, continuous polymer film. The complete aliphatic nature of the polymer system, gives **SBR-10 FS** excellent color retention and polymer performance when exposed to UV-light / UV-Weathering.

The **SBR-10 FS** is designed to be used as a stand alone product or a base coat with other SBR-10 aliphatic coatings systems.

Typical Physical Properties

Liquid

Solids	
By Weight	60-62%
By Volume	60-62%
VOC	38-40% Exempt solvents
Mix Ratio	1:1
Weight/gallon	9.0/ lbs combined
Coverage	350-400 Sq. Ft. per gal
Viscosity	
A Component (Isocyanate)	350 s/cps @ 25° C
B Component (Amine polymer)	200 s/cps @ 25° C
Cure Times	
Pot Life	30-45 minutes (can vary with climatic conditions)t
Tack Free	1 hour 15 minutes
Recoat	Within 6 to 8 hours
Shelf Life	1 Year
Clean Up Solvent	Xylene, MEK, Isopropyl alcohol, Methyl Pryolidone

Solid

Stress/Tensile Strength	6500 psi
Elongation @ 25° C (77o F)	75%
Hardness	58 Shore D
Tear Strength	100 Lbs/Linear inch
Thermal Shock	-65° F with no effect

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