

InstaCote™ SBR-10 TF

Aliphatic Polyurea Coating (Thick High Viscosity & Flexible)

InstaCote SBR-10TF is a variation of our SBR-10 aliphatic polyurea elastomer technology, developed exclusively by InstaCote, Inc. This aliphatic polyurea formulation has been modified to provide a **high build flexible coating** for vertical wall surfaces where there may be more than normal movement.

SBR-10TF is designed for a variety of application areas where high performance, high gloss, color retention and ease of application are required. High pressure equipment is not needed. Hand mixing small batches are normally used when applying this material.

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

The **SBR-10TF** can be used as a stand alone product or with other SBR-10 coatings.

Typical Physical Properties

	Liquid
Solids	
By Weight	100%
By Volume	100%
VOC	0.0 lbs/gal
Weight/gallon	9.0/ lbs combined
Viscosity	
A Component (Isocyanate)	800-1500 s/cps @ 25° C
B Component (Amine polymer)	+5000 s/cps @ 25° C
Cure Times	
Tack Free	1 hour 30 minutes
Post Cure	3 hours
Recoat	Within 6 hours
Shelf life	1 year
Clean up solvent	Xylene, MEK, Isopropyl alcohol, Methyl Pryolidone
Thinner	Not Recommended for this system
	Solid
Stress/tensile strength	6500 psi
Elongation @ 25° C (77° F)	75%
Hardness	58 Shore D
Tear Strength	100 Lbs/Linear inch
Thermal Shock	-65° F with no effect

The **InstaCote SBR-10TF** aliphatic polyurea system is available in custom tints. Please contact the InstaCote office for availability.

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