

InstaCote™ SBR-10 T

Aliphatic Polyurea Coating

InstaCote SBR-10T 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 high build on vertical wall surfaces. The technology is a 100% polyurea system, and contains no solvents or VOC's. **SBR-10T** is designed for a variety of application areas where high performance, good gloss, color and ease of application are required.

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

The **SBR-10T** is designed to be used as a stand alone product or a topcoat for the InstaCote ML series

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	Indefinite
Clean up solvent	Xylene, MEK, Isopropyl alcohol, Methyl Pryolidone
Thinner	Not Recommended for this system
	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



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

InstaCote™, Inc.
 160 C. Lavoy Rd.
 Erie, Michigan, USA 48133
 Phone (734) 847-5260 Fax (734) 847-9008
 Email: tom.nachtman@instacote.com
 www.nwci.com rev 011003