

InstaCote™ SBR-10 CS

Aliphatic Polyurea Coating (Concrete Sealer)

SBR-10 CS is a variation of our SBR-10 aliphatic polyurea elastomer technology developed by InstaCote, Inc. This aliphatic polyurea blend contains exempt solvents to comply with strict environmental regulations.

Due to the unique formulation, **SBR-10 CS** is designed to provide a fast drying, deep penetrating thin millage with a uniform build. The material is applied by either spray, roller or brush techniques to achieve a continuous polymer film. The complete aliphatic nature of this polymer system gives **SBR-10 CS** excellent color retention and polymer performance when exposed to UV-light / UV-weathering.

Typical Physical Properties	
Liquid	
Solids	
By Weight	72-75%
By Volume	72-75%
VOC	25-28% Exempt solvents
Mix Ratio	1 : 1
Weight/gallon	9.0/ lbs combined
Coverage	350-400 sq ft per gallon
Viscosity	
A Component (Isocyanate)	350 s/cps @ 25° C
B Component (Amine polymer)	200 s/cps @ 25° C
Cure Times	
Pot Life	20 minutes (can vary with climatic conditions)
Tack Free	45-50 minutes
Recoat	45 minutes to 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 (77o F)	75%
Hardness	58 Shore D
Tear Strength	100 Lbs/Linear inch
Thermal Shock	-65° F with no effect

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

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