

InstaCote™ SRB-10

Aliphatic Polyurea Coating

InstaCote SRB-10 is the new generation of aliphatic polyurea elastomer technology, developed exclusively by InstaCote, Inc. This aliphatic polyurea technology is a 100% polyurea system, and contains no solvents or VOC's. **SRB-10** 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 **SRB-10** aliphatic 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 **SRB-10** excellent color retention and polymer performance when exposed to UV-light / UV-Weathering.

The **SRB-10** is designed to be used as a stand alone product or a topcoat for the InstaCote ML series aromatic polyurea systems.

Typical Physical Properties

| WET | |
|-----------------------------|---|
| 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) | 800 –1500 s/cps @ 25° C |
| Cure Times | |
| Tack Free | 1 hour 15 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 |
| CURED | |
| 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 SRB-10** aliphatic polyurea system is available in clear as well as custom tints. Please contact the InstaCote office for availability.

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