

DOLPHIN 6070 SERIES

CorrosionBloc™ SEALANTS

DESCRIPTION: These oleoresinous, air dry, lap joint sealants are unsurpassed in preventing corrosion including preventing galvanic corrosion between dissimilar metals. Thin skin forms on the exposed sealer through oxidation to permit painting while the non-exposed sealer remains “wet”, flexible, and elastic. In service, these sealers withstand vibration, flexing, and thermal expansion and contraction. These products are formulated to permit drilling through the sealer in riveted assemblies without “stringing” or “cobwebbing”. These sealants permit welding with conventional spot welders. Because they do remain wet internally, removing and replacing damaged panels is facilitated. These sealants are waterproof, acid and caustic resistant, and do not bleed into or through epoxy or urethane finishes; they are not affected by normal urethane topcoat bakes. **DOLPHIN** has more than half a century of experience in producing these sealers for the builders of intercity coaches, transit buses, and trucks; the quality of these sealants is evident in the fact that they often outlive the vehicles they protect.

APPLICATION: These materials can be applied with caulking guns, spread with putty knives and trowels, or pumped for flow gun application. The sealers are unaffected by paint bakes up to 195° F (90° C). Excess material may be wiped off with mineral spirits; use mineral spirits or paint thinner to clean up tools and equipment.

PROPERTIES:

Specific Gravity:	1.39 - 1.45
Color:	DOLPHIN 6070 - Yellow DOLPHIN 6072 - Aluminum DOLPHIN 6076 - Black
Solids:	88% - 92%
Flash Point, Seta Flash CC: ASTM D 3278	105° - 114° F

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Sag Resistance: No sag with .25" bead

Dry Time @ 68° F; 50% RH 96 hours set to touch
ASTM D 1640; .125" thick Does not dry through

**THE FOLLOWING TESTS WERE PERFORMED
AFTER DRYING 21 DAYS @ 68° F (20° C); 50% RH**

Adhesion, Peel: 3 lbs./in from CRS
ASTM C 794; 180 3 lbs./in from Aluminum

Low Temperature Flexibility: No cracking
ASTM C 711; .5" mandrel @ -20° F No loss of adhesion
(-29° C)

Effects of Heat Aging: Flexibility maintained
ASTM C 792; 336 hours @ 158° F No loss of adhesion
(70° C)

Humidity Resistance: No corrosion under sealer
ASTM D 2247; 1000 hours @ No loss of adhesion
100° F (38° C); 100% RH

Salt Spray Resistance: No corrosion under sealer
ASTM B 117; 2000 hours No galvanic reaction between
Aluminum and steel

Flammability: Pass
MVSS-302 Burn rate less than 2"/min

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