

Curing Ox-Block® COB-01 Corrosion Inhibiting Compound

Av-DEC® Curing Ox-Block® is a corrosion-resistant general-purpose sealant. Curing Ox-Block® features an environmental barrier to seal out corrosion, special passivated sacrificial particles that oxidize preferentially before the aircraft structure, and a synergistic inhibitor system to prevent corrosion. These features give Curing Ox-Block® unparalleled corrosion protection, which keeps the aircraft in the air longer with less maintenance.



Lower flying wire attachment



FWD support strut bolt

UNIQUE FEATURES

Non-Chromate, solvent-free, non-shrinking, environmentally safe, non-hazardous, sulfide free, hydrophobic, >99% non-volatile content, easy to apply, use, and remove.

APPLICATION CHARACTERISTICS

Curing Ox-Block® is a general-purpose sealer for cracks, gaps, small voids, pinholes, seams, or mating areas. These areas may also include dissimilar metal joints, faying surfaces, or fasteners where capability for removal is desirable.

Equipment:	Brush, Spatula or Smoothing Tool
Packaging:	35cc Burst Pack

WHAT MAKES COB-01 EXCEPTIONAL?		
	COB-01	OBSOLETE P/N 6856K
Easy to Remove	✓	✗
Flowable	✓	✗
Non-Hazardous	✓	✗
Chromate Free	✓	✗
Cathodic Inhibitors	✓	✓
Sacrificial Anodic Protection	✓	✗
Fluid Resistance	✓	✓
Corrosion Protection	✓	✓
FOD Resistant	✓	✗
Solvent Free	✓	✗
Non-Shrinking	✓	✗
Flowable Upon Application	✓	✗

PHYSICAL PROPERTIES	
Part Number:	COB-01
Color:	Grey
Consistency:	Putty/Paste
Shelf Life:	18 months
Specific Gravity:	1.34
Non-Volatile Content (ISO 3251):	< 0.1%
Working Life at 77°F/25°C:	< 45 minutes
Gel Time, 10 g Mass at 77°F/25°C (ASTM D7997):	< 60 minutes
Working Temperature Range:	-67°F to 239°F
Storage Temperature:	0°F to 115°F
Water Solubility:	Insoluble/Hydrophobic
Application Thickness Range:	2-20 mils
Hardness, Shore "A" at 77°F/25°C @ 24 hrs (ASTM D2240):	> 50
Volume Resistivity:	> 120 MΩ*cm ⁻¹
Vibration (RTCA/DO-160G, Section 8; Category S, Curve L)	No visible damage or deterioration observed during vibration testing.
Salt Fog 2000hrs (ASTM B117):	No corrosion
Fluids Resistance (RTCA DO-160G, Section 11):	Contact technicalsupport@avdec.com
Skydrol Resistance	Excellent

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