

Ardrox AV 30

Corrosion Inhibiting Compound

Description

Ardrox AV 30 is a penetrating, water displacing, corrosion inhibiting compound (CIC). It forms an almost tack-free, waxy film.

Ardrox AV 30 is applied as a coating to protect metals commonly used in airframe structures and in aerospace components from corrosion.

Ardrox AV 30 can be used in all areas of the airframe on painted and unpainted surfaces.

Ardrox AV 30 is a versatile CIC product. It combines good penetration properties with excellent corrosion inhibiting characteristics at low applied film weight.

Movable parts should be masked before treatment unless spray application can be controlled to prevent direct contact.

If **Ardrox AV 30** spray control or masking of movable components is not possible, then an alternative, soft waxy film CIC, such as **Ardrox AV 25** should be used.

Method of Use

Ardrox AV 30 can be applied by dipping, brushing or spraying. For maximum penetration capability and the most effective corrosion inhibiting performance, spray application is recommended.

Ardrox AV 30 can be sprayed using either the specifically designed **ACS -System** (airmix application equipment), or the **AAS - System** (airless application equipment).

Operating instructions and recommendations for using spray equipment are given in the Technical Manual "**Aircraft Corrosion Protection and Control**".

Chemical and Physical Properties

Property	Test Method	Value
Flash Point:	ASTM D 93 EN ISO 2719	38 °C minimum
Non-volatile Content::	ASTM D 1644 EN ISO 3251	53% by weight minimum
Density at 23°C:	EN ISO 12185	0.89 ± .20 g/ml
Coverage:	Calculated	17 m ² /litre at 30 µm
Application Temperature:		15 to 30 °C
Storage Temperature:		5 to 30 °C
Shelf Life:		36 months

Film Properties.

Property	Test Method	Value
Colour:	Visual	Transparent, brown
Specific Film Weight::	Weighing	30 g/m ²
Approximate Film Thickness:		30 to 50 µm
Drying Time at Ambient Temperature:		3 hours approx.
Removable with solvent:	AV 980	Yes
Salt Spray Test:	ASTM B 117	On steel: > 750 h (at R _i 1)* On 2024-T3 > 1500 h (at R _i 1)*
Humidity:	DIN 50017	On steel > 1000 h (at R _i 1)*

* Interpretation according to EN ISO 4628-3

Packaging

Available in 1 & 20 litre containers and Aerosol.

Safety, Transport and Storage Information

Please refer to the Material Safety Data Sheet.

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