

Description: Penetrating, water displacing, corrosion inhibiting compound (CIC). Forms an almost tack-free, waxy film.

Range of Use: Applied as a coating to protect metals commonly used in airframe structures and in aerospace components from corrosion.

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

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

Application: **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.

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**" available from the local Chemetall Sales Office.

Safety Information: For safety precautions and information on the safe use of this product please see: **Material Safety Data Sheet for AV 30.**

Relevant Specifications and Approvals: Detailed information is available on the Chemetall website at:

www.aerospace.chemetall.com

PHYSICAL PROPERTIES

Property	Test Method	Value		
Flash Point:	ASTMD 93 EN ISO 2719	38 °C	(100 °F)	minimum
Non-volatile Content:	ASTMD 1644 EN ISO 3251	53	% by weight	minimum
Density at 23°C (73 °F):	EN ISO 12185	890 ± 20	kg/m ³	
Coverage:	Calculated	17	m ² /litre	at 30 µm
Application Temperature:		15 to 30 °C	(60 to 85 °F)	
Storage Temperature:		5 to 30 °C	(40 to 85 °F)	
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:	ASTMB 117	On steel:	> 750 h (at R _i 1)*	
		On 2024-T3	> 1500 h (at R _i 1)*	
Humidity:	ASTMD 1748 DIN 50017	On steel	> 1000 h (at R _i 1)*	

* Interpretation according to EN ISO 4628-3

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