

Description: Penetrating, water displacing, general purpose, corrosion inhibiting compound (CIC). Forms a soft, waxy film.

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

AV 25 can be used in all areas of the airframe on painted and unpainted surfaces.

It is designed for the treatment of areas where a soft, lubricating film is required, for example pulleys, control cables and other movable components.

Application: **AV 25** can be applied by dipping, brushing or spraying. For maximum penetration capability and the most effective corrosion inhibiting performance, spray application is recommended, however, brush application is effective when applying **AV 25** to specific areas or components.

AV 25 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 25.**

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	35	% by weight	minimum
Density at 23°C (73 °F):	EN ISO 12185	820 ± 20	kg/m ³	
Coverage:	Calculated	14	m ² /litre	at 25 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, beige		
Specific Film Weight:	Weighing	25	g/m ²	
Approximate Film Thickness:		25 to 50	µm	
Drying Time at Ambient Temperature:		60	minutes	approx.
Removable with solvent:	AV 980	Yes		
Salt Spray Test:	ASTMB 117	On steel	> 1000 h (at R _i 1)*	
		On 2024-T3	> 2000 h (at R _i 1)*	
Humidity:	DIN 500 17	On steel	> 1000 h (at R _i 1)*	

* Interpretation according to EN ISO 4628-3

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