

Ardrox[®] AV25

PENETRATING, WATER DISPLACING, SOFT FILM CORROSION INHIBITING COMPOUND

1 Description

Ardrox[®] AV25 is designed for the treatment of areas where a soft, lubricating film is required, for example pulleys, control cables and other movable components.

Ardrox[®] AV25 can be used in all areas of the airframe on painted and unpainted surfaces. It combines good penetration properties with excellent corrosion inhibiting characteristics.

Approvals

Ask your Chemetall representative for a complete list of approvals. Detailed information is available on the Chemetall website at: www.chemetall.com

2 Properties

Property	Typical Value
Flash Point	38 °C / 100 °F minimum
Non-volatile Content	35 % by weight minimum
Density at 23 °C (73 °F)	820 kg/m ³
Coverage	14 m ² /L at 25 µm
Application Temperature	15 to 30 °C / 60 to 85 °F
Storage Temperature	4 to 38 °C / 40 to 100 °F
Shelf Life	3 years from date of manufacture
Colour	Transparent,
Film Appearance	Soft waxy film
Specific Film Weight	25 g/m ²
Dry Film Thickness	25 to 50 µm
Drying Time at Ambient Temperature	Approx. 60 minutes

These are typical values only and do not constitute a specification.

3 Application

Ardrox[®] AV25 can be applied by dipping, brushing or spraying. For maximum penetration capability and the most effective corrosion inhibiting performance, spray application is recommended.

Ardrox[®] AV25 can be sprayed using either the specifically designed ACS-System (airmix application equipment) or the AAS-System (airless application equipment).

The coating should be applied at 50 to 100 µm / 2 - 4 mils wet thickness.

Operating instructions and recommendations for using spray equipment are given in the CIC manual which is available at the local Chemetall Sales Office.

4 Surface Preparation

Surfaces to be treated must be clean and dry. Contaminations (e.g. greases, oils or moulding agents) should be removed by means of a degreasing / solvent cleaning process (e.g. Ardrox[®] 5502).

5 Removal

Ardrox[®] AV25 can be removed with cleaning solvents (e.g. Ardrox[®] AV980, Ardrox[®] 5502, Ardrox[®] 5503 or Ardrox 6135).

6 Safety Guidance

For safety precautions and information on the safe use of this product please see the relevant Material Safety Data Sheet for Ardrox[®] AV25.

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