

Ardrox[®] AV100D

HEAVY DUTY, WATER DISPLACING, CORROSION INHIBITING COMPOUND

1 Description

Ardrox[®] AV100D is a thixotropic, heavy duty, corrosion inhibiting compound, used in areas of the airframe subject to severe corrosive environments. It can be applied to painted and unpainted surfaces.

Ardrox[®] AV100D can be applied over Ardrox[®] AV8, a penetrating, water displacing CIC.

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	71 % by weight minimum
Density at 23 °C (73 °F)	990 kg/m ³
Coverage	7 m ² /L at 100 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, beige
Film Appearance	Firm waxy film
Specific Film Weight	120 g/m ²
Dry Film Thickness	100 to 200 µm
Drying Time at Ambient Temperature	At least 6 hours

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

3 Application

Ardrox® AV100D can be applied by rolling, brushing or spraying.

Ardrox® AV100D can be sprayed, preferably using the specifically designed AAS - System (airless application equipment).

The coating should be applied at 120 to 300 µm / 4,7 - 12 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 Removal

Ardrox® AV100D can be removed with cleaning solvents (e.g. Ardrex® AV980, Ardrex 6135T).

5 Safety Guidance

For safety precautions and information on the safe use of this product please see the relevant Material Safety Data Sheet for Ardrex® AV100D.

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