

# Ardrox<sup>®</sup> AV100D

## HEAVY DUTY, WATER DISPLACING, CORROSION INHIBITING COMPOUND

### 1 Description

Ardrox<sup>®</sup> 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<sup>®</sup> AV100D can be applied over Ardrox<sup>®</sup>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](http://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 <sup>3</sup>
Coverage	7 m <sup>2</sup> /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 <sup>2</sup>
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<sup>®</sup> AV100D can be applied by rolling, brushing or spraying.

Ardrox<sup>®</sup> 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<sup>®</sup> AV100D can be removed with cleaning solvents (e.g. Ardrex<sup>®</sup> 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<sup>®</sup> AV100D.

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**Headquarters and Regional Head Office  
Europe, Middle East, Africa, South America**  
Chemetall GmbH  
Trakehner Straße 3  
60487 Frankfurt am Main, Germany  
Tel: +49 (0) 69 7165-0

**Regional Head Office  
North America**  
Chemetall US, Inc.  
675 Central Avenue  
New Providence, NJ 07974, USA  
Tel: +1-908-464-6900

**Regional Head Office  
Asia-Pacific**  
Chemetall Asia Pte Ltd.  
12 Loyang Crescent  
Singapur 508980  
Tel: +65 6885 7900