

AEROSPACE INDUSTRY PRODUCT GUIDE – Corrosion Inhibiting Compounds

Corrosion Inhibiting Compounds				
Product	Application Methods	Dry Film Thickness	Drying Time (approximate)	Film Properties
ARDROX AV 8 / Dinitrol AV 8 Super penetrating, water displacing corrosion inhibiting compound. Forms a firm, tack-free, transparent film. Combines good penetrating properties with excellent corrosion inhibiting performance at low applied film weight. Can be used as the first coat of a 2-coat system with ARDROX AV 30 / Dinitrol AV 30 or AV 100D for corrosion protection in severe environmental conditions. Used in manufacturing, repair and maintenance of airframes on painted and unpainted surfaces.	Spray, Brush and Dip	8 µm	40 to 60 minutes	Super Penetrating, Water Displacing Firm, Tack-free, Transparent, Brown
ARDROX AV 15 / Dinitrol AV 15 Super penetrating, water displacing, heavy duty, corrosion inhibiting compound. Forms a firm, tack-free, transparent film. Combines good penetrating properties with excellent corrosion inhibiting performance at low applied film weight. Can be used as a single coat protection in severe environmental conditions. Used in manufacturing, repair and maintenance of airframes on painted and unpainted surfaces.	Spray, Brush and Dip	15 µm	60 minutes	Super Penetrating, Water Displacing, Heavy Duty Firm, Tack-free, Transparent, Brown
ARDROX AV 25 / Dinitrol AV 25 Penetrating, water displacing, general purpose, corrosion inhibiting compound. Forms a soft, waxy, transparent film. Combines good penetrating properties with excellent corrosion inhibiting performance. Can be used to protect moveable components such as pulleys and control cables. Used in manufacturing, repair and maintenance of airframes on painted and unpainted surfaces.	Spray, Brush and Dip	25 µm	60 minutes	Penetrating, Water displacing Soft, Waxy Transparent, Beige
ARDROX AV 30 / Dinitrol AV 30 Penetrating, water displacing, heavy duty, corrosion inhibiting compound. Forms a firm, waxy, almost tack-free, transparent film. Combines good penetrating properties with excellent corrosion inhibiting performance. Can be used as the second coat of a 2-coat system with ARDROX AV 8 / Dinitrol AV 8 for corrosion protection in severe environmental conditions. Used in manufacturing, repair and maintenance of airframes on painted and unpainted surfaces.	Spray, Brush and Dip	30 µm	3 hours	Penetrating, Water Displacing, Heavy Duty Firm, Waxy, almost Tack-free, Transparent, Brown
ARDROX AV 40 / Dinitrol AV 40 Heat resistant corrosion inhibiting compound. Forms a firm, tack-free, transparent film. Combines good heat resistance with excellent corrosion inhibiting performance. Used in areas of the aircraft exposed to elevated temperatures such as: engine components, pylons and cowlings, can be applied to the exterior of the aircraft adjacent to APU exhaust systems where hot gases are expelled.	Spray, Brush and Dip	40 µm	60 minutes	Heat Resistant Firm, Tack-free, Transparent, Colourless
ARDROX AV 100D / Dinitrol AV 100D Thixotropic, heavy duty, corrosion inhibiting compound. Forms a firm, waxy, transparent film. Used as the second coat of a 2-coat system with ARDROX AV 8 / Dinitrol AV 8 for corrosion protection in very severe environmental conditions. Used in manufacturing, repair and maintenance of airframes on painted and unpainted surfaces.	Spray and Brush	100 µm	6 hours	Thixotropic, Heavy Duty Firm, Waxy Transparent, Beige
Corrosion Inhibiting Compound Remover				
Product	Application Methods	Dry Film Thickness	Effective Application Time	Film Properties
ARDROX AV 980 / Dinitrol AV 980 Used for removing old or damaged corrosion inhibiting compounds during aircraft maintenance and repair and for cleaning and degreasing internal and external aircraft structures and components. Can be removed with water rinse, biodegradable.	Spray, Brush and Dip	30 to 150µm	10 to 120 minutes	Transparent with Neutral pH Colourless

NOTE: This line card is only a sample of a much broader range of Chemetall's Aerospace specialty chemical products. Chemetall is constantly adding innovative new products to its range. If a product is not listed to meet your specific needs, talk to your Chemetall sales representative or contact Chemetall directly. Products meet several federal, military and industry specifications which can be viewed at www.aerospace.chemetall.com.

20040304