

Spray2Fix Intergard 10215SC

Technical Data Sheet

Product Group

Polyurethane Topcoat

Characteristics



Product
Information

- Aerosol Spray Can Application Intergard 10215
- This self contained portable kit is polymeric flattened, chemical agent resistant, lead, cadmium, cadmium compounds, hexavalent chromium and HAPS free for use as a finish coat on military tactical equipment which includes ground, aviation, and related support assets.
- This product is subject to International Traffic in Arms Regulation (ITAR)

Specifications



Qualified
Product List

US Military

MIL-DTL-53039E, Type VIII

For most recent up-date or missing specifications please check the qualified product list (QPL) on www.akzonobel.com/aerospace

Surface Conditions



Cleaning

- Surface pretreatment is an essential part of the painting process.
- Follow specification requirements for cleaning and pretreatment
- This coating is applied over assorted epoxy primers, depending on the application and substrate:

MIL-PRF-23377

10P20-13*,10P20-14*

MIL-DTL-53022

Intergard 10301SC

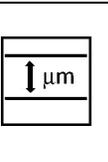
MIL-PRF-85582

10PW20-4

*Also available in aerosol spray cans

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Instruction for Use

	<p>Activate</p>	<p>To Activate</p>	<p>Remove the red button from the over cap and attach to the plastic pin at the bottom of the aerosol.</p>
		<p>Activation Test</p>	<p>Place aerosol upright on a flat surface and push down to break the inner seal.</p>
		<p>Mixing</p>	<p>Remove red button from the bottom of the aerosol and push plastic pin with thumb, the pin should now move easily.</p>
	<p>Induction Time</p>	<p>30 minutes</p>	<p>Turn can upside down. Shake the aerosol vigorously for 2-3 minutes after activation to thoroughly mix catalyst.</p>
	<p>Pot life (25°C/77°F)</p>	<p>4 hours at 77°F (25°C), and 50 ± 5% RH</p>	<p>Prior to application, invert can and spray until a color is visible to clear the nozzle.</p>
	<p>Dry Film Thickness (DFT)</p>	<p>45 - 55 microns (μm) 2.0± 0.2 mils</p>	<p>For adequate camouflage properties, it is necessary to apply the coatings to a minimum dry film thickness of 2.0 mils (50 microns).</p>
<h2>Application Recommendations</h2>			
	<p>Conditions</p>	<p>Temperature:</p>	<p>15 – 35°C 59 – 95°F</p> <p>Relative Humidity: 35 – 75%</p>
	<p>Note</p>	<p>The quality of the application of all coatings will be influenced by the spray equipment chosen and the temperature, humidity, and air flow of the paint application area. When applying the product for the first time, it is recommended that test panels be prepared in order to identify the best equipment settings to be used in optimizing the performance and appearance of the coating.</p>	

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Application
method

After activation and induction, spray in a normal fashion.

You will note that the delivery of material is faster than a normal aerosol, and that the fan is larger. Both features are designed to make the application similar to that of a spray gun.

Note: In order to further reduce gloss of finish, allow 15 minutes for solvent flash-off of first coat, then apply a light "dust" coat.



Number of coats

Spray uniform wet coats to recommended dry film thickness.



Cleaning nozzle

After use, invert can and spray until clear to clear the nozzle.

If aerosol is left standing, shake vigorously prior to each use.

Physical Properties



Drying Times
(25 +/- 2°C / 77
+/- 2°F, 55 +/-
5% RH)

Set to touch	< 30 minutes
Dry hard	3 Hours
Dry through	4 Hours



Theoretical
Coverage

Per 400 ml Can:

1.2 m² per aerosol can at 50.8 micron dry film thickness
12.7 ft² per aerosol can at 2.0 mil dry film thickness



Dry Film Weight

Varies slightly with color
34 - 44 g/m²/micron
0.007 to .0090 lbs/ft²/mil



VOC not
applicable to
aerosols.
Alternative
regulations
based on
reactivity

Regulation for Reducing the Ozone Formed from Aerosol Coating Product Emissions by California Air Resources Board (CARB):

Aviation Primer Product-Weighted MIR Limit: 2.05 g O₃/g Complies

National Volatile Organic Compound Emission

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method of calculating emissions	Standards for Aerosol Coatings, EPA: Aviation Primer Product-Weighted Reactivity Limit: 2.05 g O ₃ /g Complies
 Color	Green 383, 34094 Tan 686A, 33446 Black, 37030
 Flash-point	-41°C / -41.8°F
 Storage	Store the product dry and at a temperature between 5 and 35°C / 40 and 95°F per AkzoNobel Aerospace Coatings specification. Store in the original unopened containers. Storage temperature may vary per OEM specification requirements. Refer to container label for specific storage life information.
Shelf life 5 - 38°C (40 - 100°F)	24 months per AkzoNobel Aerospace Coatings commercial specification. Shelf life may vary due to OEM specification requirements. Refer to container label for specific shelf life information.
Safety Precautions	Comply with all local safety, disposal and transportation regulations. Check the Material Safety Data Sheet (MSDS) and label of the individual products carefully before using the products. The MSDS's are available on request.

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IMPORTANT NOTE The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advice given is subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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