


Spray2Fix Intergard 10215C (ITAR)

Technical Data Sheet

Product Group

Characteristics




Product Information

Components




Specifications



Qualified Product List

Surface Conditions



Surface Preparation/
Cleaning

Specialty Coating

- 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).

Base	Intergard 10215C Aerosol
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US Military	MIL-DTL-53039, TY VIII
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
Product specifications are constantly changing, to ensure the most accurate information regarding specifications, please check our online qualified product list (QPL) at aerospace.akzonobel.com/products.

- 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.

Instruction for Use



Spray Application (Mix Ratio)


Volume

Intergard 10215C Aerosol	See Remarks part
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To Activate:
Remove the red button from the over cap and attach to the plastic pin at the bottom of the aerosol. Place aerosol upright on a flat surface and push down to break the inner seal.

Activation Test:
Remove red button from the bottom of the aerosol and push plastic pin with thumb, the pin should now move easily.

Mixing:
Turn can upside down. Shake the aerosol vigorously for 2-3 minutes after activation to thoroughly mix catalyst.



Induction Time

30 minutes.






Note

Prior to application, invert can and spray until a color is visible to clear the nozzle.






Initial Spraying Viscosity (25°C/77°F)

Not Applicable.



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	Pot life (25°C/77°F)	4 hours at 77°F (25°C), and 50 ± 5% RH.
	Dry Film Thickness (DFT)	45 - 55 µm 2.0± 0.2 mils
		For adequate camouflage properties, it is necessary to apply the coatings to a minimum dry film thickness of 2.0 mils (50 µm).

Application Recommendations

	Conditions	Temperature: 15 – 35 °C 59 – 95 °F
		Relative Humidity: 35 – 75 %
	Note	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.
	Number of Coats	- Spray uniform wet coats to recommended dry film thickness. - 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.
	Cleaning of Equipment	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°C/77°F, 55% 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 µm dry film thickness. 12.7 ft² per aerosol can at 2.0 µm dry film thickness.
	Dry Film Weight	Varies slightly with color 34 - 44 g/m²/µm

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0.007 to .0090 lbs./ft²/mil



Volatile Organic Compounds

Regulation for Reducing the Ozone Formed from Aerosol Coating Product Emissions by California Air Resources Board (CARB):
Aviation Primer Product-Weighted MIR Limit: 2.05g O3/g.
National Volatile Organic Compound Emission.

Standards for Aerosol Coatings, EPA:
Aviation Primer Product-Weighted Reactivity Limit: 2.05g O3/g.



Flash Point

Intergard 10215C Aerosol -41°C / -41.8°F



Storage

Store the product dry and at a temperature between 5 and 38°C / 41 and 100°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 (41 - 100°F)

Intergard 10215C Aerosol 24 months

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.

Revision date: April 2025 (supersedes April 2017) - FOR PROFESSIONAL USE ONLY

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. Brand names mentioned in this data sheet are trademarks of or are licensed to AkzoNobel