Spray2Fix Intergard 10215C (ITAR)

Technical Data Sheet

Product Group

Specialty Coating

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).

Components

Base	Intergard 10215C Aerosol

Specifications

Qualified Product List

US Military	MIL-DTL-53039, TY VIII

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 Conditions

Surface Preparation/ 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.

Instruction for Use

Spray Application (Mix Ratio)

	Volume
Intergard 10215C Aerosol	See Remarks part

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.

AkzoNobel Aerospace Coatings
1 East Water Street, Waukegan, IL 60085, USA - Phone (847) 623 4200,
Rijksstraatweg 31, 2171 AJ Sassenheim, The Netherlands - Phone (31) 71308 2905
Mail: aerospace@akzonobel.com / Online: aerospace.akzonobel.com

Spray2Fix Intergard 10215C (ITAR)

Pot life (25ºC/77ºF)

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

AkzoNobel Aerospace Coatings
1 East Water Street, Waukegan, IL 60085, USA - Phone (847) 623 4200,
Rijksstraatweg 31, 2171 AJ Sassenheim, The Netherlands - Phone (31) 71308 2905
Mail: aerospace@akzonobel.com / Online: aerospace.akzonobel.com

Spray2Fix Intergard 10215C (ITAR)

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	-41ºC / -41.8ºF

Storage

Store the product dry and at a temperature between 5 and 38ºC / 41 and 100ºF 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

AkzoNobel Aerospace Coatings
1 East Water Street, Waukegan, IL 60085, USA - Phone (847) 623 4200,
Rijksstraatweg 31, 2171 AJ Sassenheim, The Netherlands - Phone (31) 71308 2905
Mail: aerospace@akzonobel.com / Online: aerospace.akzonobel.com