10P2-3 Anti-static Conductive Flat Black Epoxy Coating

Product Group

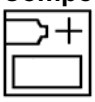
Conductive epoxy coating

Characteristics

Product Information

- This epoxy coating is designed to produce an anti-static conductive film on fiberglass components. It can be air cured or force dried.

Components



Curing Solution
Thinner

Curing Solution: EC-110

Specifications

Qualified Product List

Boeing	BMS 10-21 Type III
Bombardier/Canadair	BAMS 565-012, Ty III
Bombardier/Shorts	WP143
EADS (CASA)	Z-12.506/BMS 10-21, Ty III
Lockheed Martin	STM 37-510 Type III, Class II

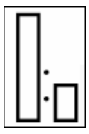
The complete Akzo Nobel Aerospace Coatings qualified product list (QPL) can be found at: www.anac.com

Surface Conditions

Cleaning

- Surface pretreatment is an essential part of the painting process
- Follow the specification requirements for cleaning and pretreatment application.

Instruction for Use



Mixing Ratio (volume)

3 parts	Base 10P2-3
1 part	Curing Solution EC-110

- Stir or Shake till all pigment is uniformly dispersed before adding curing solution.
- Stir the catalyzed mixture thoroughly

Induction Time

None

Akzo Nobel Aerospace Coatings, a division of International Paint LLC (USA), East Water Street, Waukegan, IL 60085, USA
Phone (847) 623 4200, Fax (847) 625 3200
Akzo Nobel Aerospace Coatings BV, Rijksstraatweg 31, P.O. Box 3, 2170 BA Sassenheim, the Netherlands
Phone (31) 71 3082905, Fax (31) 71 3082056

Internet: www.anac.com

ANAC
Advanced Coatings

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 Initial Spraying Viscosity (23ºC/73ºF)	25 – 35 seconds ISO-Cup 4 16 – 20 seconds Signature Zahn-Cup #2 15 ± 3 seconds Ford Cup #4
 Pot Life (23ºC/73ºF)	8 hours
 Dry Film Thickness (DFT)	33-46 micron (µm) 1.3-1.8 mils

Application Recommendations

Standard suction or pressure pot spray equipment.

 Conditions	Temperature: 15 – 35°C / 59 – 95°F Relative Humidity: 35 – 75%
 Number of Coats	Spray a single uniform wet coat to recommended dry film thickness
 Cleaning of Equipment	Use TR-14 or MEK
 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.

Physical Properties

 Drying Times (23ºC/73ºF)	Dry to dust: 1 hour Dry to tape: 8 hours Force Cure: 15' flash, then 30' @ 140°F
 Theoretical Coverage	7.0 m^2 per liter ready to apply at 25 µm dry film thickness 285 ft^2 per US gallon ready to apply at 1 mil dry film thickness

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AKZO NOBEL

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	Dry Film Weight	38.5 g/m^2/ at 25 µm micron 0.008 lbs/ft^2/ at 1.0 mil
	Volatile Organic Compounds	Max 684 g/l Max 5.7 lbs/gal (685 g/l) per US calculations
	Gloss (60º)	6-10 (30% maximum)
	Color	Flat black
	Flash-point	10P2-3 -5°C / 23°F EC-110 7.2°C / 45°F
	Storage	Store the product dry and at a temperature between 5 and 25ºC / 41 and 77ºF. Stored in the original unopened containers. Periodical short time exposure (max. 48 hrs at a time) to higher temperatures (max. 40°C / 104°F) will not negatively influence the shelf life of the products.
	Shelf life 5 - 38°C (41 - 77°F)	12 months per ANAC commercial specification Shelf life may vary due to OEM specification requirements

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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 MSDSs are available on request.

FOR PROFESSIONAL USE ONLY

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