10P2-3

Technical Data Sheet

Product Group

Characteristics

Components

Specifications



Product Information

Qualified Product List

Conductive Coating

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

Base	10P2-3		
Curing Agent	Curing Solution EC-110	Curing Solution EC-110	
AirbusCanada	A2MS 565-012, TYIII		
Avic Aviation	AMMS2504		
Boeing	BMS 10-21, TY III		
Bombardier Canadair	BAMS 565-012, TY III		
Comac	CMS-CT-223, TY II		
Embraer	MEP 10-053, TY II		
GulfstreamAerospace	GMS 5003, TY I, CL 2		
LearJet	LES 1231		
Mitsubishi	CMAMS 565-012, TY III		
Northrop Grumman	P-P502		
TRW	MT6-12A1		
United Launch Alliance	STM 37-510, TY III, CL 2		

Product specifications change constantly, 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/

Spray Application (Mix Ratio)

Instruction for Use



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

- Follow the specification requirements for cleaning and pretreatment application.

- Surface pretreatment is an essential part of the painting process.

- Stir or Shake until all pigment is uniformly dispersed before adding curing solution.

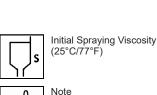
- Stir the catalyzed mixture thoroughly.



30 minutes

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10P2-3





Pot life (25°C/77°F)

Minimum 4 hours Maximum 8 hours

25 - 35 seconds ISO Cup #4

15 – 18 seconds Ford Cup #4

16 – 20 seconds Zahn Cup #2 Signature series



Γ) 15 – 25 μm 0.6 – 1 mil

Application Recommendations

Note



Temperature:	15 – 35 °C 59 – 95 °F
Relative Humidity:	35 – 75 %
1 2 11	n of all coatings will be influenced by the spra

The quality of the application of all coatings will be influenced by the spray equipment chosen and the temperature, humidity, and airflow 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 the appearance of the coating.

1.2 - 1.4 mm nozzle orifice

1.2 - 1.4 mm nozzle orifice

0.23 - 0.28 mm nozzle orifice

Viscosity measurements are provided as guidelines only and are not to be used as quality control parameters.

Certified information is provided by certification documentation available on request.



Air HV

HVLP High Pressure Airless Electrostatic



Cleaning of Equipment Use MEK.

Physical Properties



	25°C/77°F, 55% RH
Dry to Dust	15 minutes
Tack Free	1 hour
Dry to Tape	2 hours
Force Cure	15' – 30' flash, then 30' to 45' @ 140°F
Recoatable Minimum	3 hours
Recoatable Maximum	24 hours



7.0 m² per liter ready to apply at 25 μm dry film thickness. 285 ft² per US gallon ready to apply at 1 mil dry film thickness.

Theoretical Coverage

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<u>κα</u> <u>1</u> μm	Dry Film Weight	38.5 g/m² / at 25 μm. 0.008 lbs./ft² / at 1.0 mil.	
voc	Volatile Organic Compounds	Max 684 g/l Max 5.7 lbs./gal	
GU	Gloss (60°)	Maximum 30 GU	
0	Color	Flat black	
۲	Flash Point	10P2-3 Curing Solution EC-110	-5°C / 23°F 7.2°C / 45°F
\bigcirc	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 and shelf life may vary per OEM specification requirements. Refer to the container label for specific storage life information.	
	Shelf life 5 - 38°C (41 - 100°F)	10P2-3 Curing Solution EC-110	12 months 12 months

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

Safety Precautions

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