



Product Group

VOC-compliant polyurethane topcoat

Characteristics



Product
Information

- This two-component, chemically cured polyurethane topcoat is designed to provide outstanding performance as a structural and exterior decoration topcoat. This product has a carefully balanced formulation providing excellent fluid resistance and flexibility. This topcoat may be used with all AkzoNobel Aerospace Coatings exterior primer systems. The primer system should be chosen for specific environmental requirements and substrate materials.

Components



Curing Solution

Curing Solution PC-226

Specifications



Qualified Product
List

Boeing	BMS 10-60 Ty I & II, CI B, Gr D
Boeing	BMS 10-72, Ty VI Performance
Boeing Long Beach	DPM 6337

The complete AkzoNobel Aerospace Coatings qualified product list (QPL) can be found at: www.akzonobel.com/aerospace

Surface Conditions



Cleaning

- Surface pretreatment is an essential part of the painting process.
- Prepare surface per requirements of BMS 10-79, TY II & III, CI B, Gr D.
- Primer recommendation: 10P20-44 per BMS 10-79, Ty II and III, CI B, Gr D.

Instruction for Use








Mixing Ratio
(volume)





1 part	Base 24F20-101
1 part	Curing Solution PC-226

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



	Induction Time	30 minutes
	Initial Spraying Viscosity (25°C/77°F)	22 – 30 seconds ISO Cup 4 mm 15 – 19 seconds Signature Zahn Cup #2
	Note	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.
	Pot Life (25°C/77°F)	3 hours.
	Dry Film Thickness (DFT)	50.8-76.2 micron (µm) 2-3 mils

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.
	Equipment	Air 1.4 mm (.055 inch) nozzle orifice HVLP 1.4 mm (.055 inch) nozzle orifice Air Assist Airless electrostatic .23 – .28 mm (.009 – .011 inch) nozzle orifice Air Electrostatic 1.2 mm (.047 inch) nozzle orifice
	Number of coats	Spray a uniform coat. Allow to flash for 30-45 minutes, depending on temperature and other conditions. Apply a final wet coat to recommended dry film thickness.



Physical Properties



Drying Times according to AITM 2-0011 (25 +/- 2°C / 77 +/- 2°F, 55 +/- 5% RH)

Dry to tape
Full cure

8-11 hours
7 days at SC

Resistance to marring by tape

4.5 hrs maximum at accelerated cure of 49°C (120°F), 3-15 % RH

6 hrs at accelerated cure of 32°C (90°F), 40 ± 10 % RH



Theoretical Coverage

19.9 m² per liter ready to apply at 25.4 µm dry film thickness
811 ft² per US gallon ready to apply at 1 mil dry film thickness



Dry Film Weight

41.13 g/m² at 25.4 microns
.0084 lbs/ft² at 1 mil



Volatile Organic Compounds

Max 420 g/l
Max 3.5 lb/gal



Gloss (60°)

90 minimum GU



Color

Grey BAC 707



Flash-point

24F20-101 25°C / 77°F
PC-226 -5°C / 23°F



Storage

Store the product dry and at a temperature between 5 and 38°C / 40 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
(40 - 100°F)

12 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 MSDSs 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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