

763-66-9200

Upper Wing Coating

Technical Data Sheet

Product Group

Wing coating

Characteristics



Product
Information

- A single component aluminum pigmented high flexibility topcoat designed to provide maximum protection from aviation fuels and corrosion causing media for the in-spar area of aircraft wings. This product is compliant to the VOC requirements of SCAQMD Rule 1124.

Components



Curing Solution
Thinner

Base 763-66-9200
Thinner C25/90S or TL-160

Specifications



Qualified
Product List

Boeing BMS 10-100
Boeing Long Beach DPM 5303

For most recent up-date or missing specifications please check the qualified product list (QPL) on www.akzonobel.com/aerospace

Surface Conditions



Cleaning

Surface pretreatment is an essential part of the painting process.

Instruction for Use










Mixing Ratio
(volume)

2 parts Base 763-66-9200
1 part Thinner C25/90S or TL-160

- Stir mixture thoroughly








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	Induction Time	None
	Initial Spraying Viscosity (25°C/77°F)	20 – 30 seconds 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)	8 hours
	Dry Film Thickness (DFT)	71 – 81 micron (µm) 2.8 – 3.2 mils
Application Recommendations		
	Conditions	Temperature: 15 – 35°C 59 – 95°F Relative Humidity: 35 – 75%
	Note	<ul style="list-style-type: none"> - 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. - Inconsistencies in appearance during first coat application will often resolve after drying and solvent evaporation has occurred.

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	Equipment	<p>Air</p> <p>Fluid tip 1.8 mm (0.071") Atomizing air pressure: 50 - 70 psi Fluid pressure: 10 - 12 psi or Fluid flow rate of 350 CC/min</p> <p>Airless</p> <p>Nozzle orifice 0.330 mm (0.013") 80° angle</p>
	Number of Coats	<ul style="list-style-type: none"> - Spray 3-4 wet cross-coats to achieve minimum required mil thickness. Allow 15 minute solvent flash between coats. - For refresh/MRO spray one cross-coat to maintain mil thickness required
	Cleaning of Equipment	MEK
Physical Properties		
	Drying Times (25 +/- 2°C / 77 +/- 2°F, 55 +/- 5% RH)	<p>Dry to touch 20 minutes</p> <p>Dry hard 2 hours</p>
	Theoretical Coverage	<p>1 m² per liter ready to apply at 25 µm dry film thickness 40 – 45 ft² per US gallon ready to apply at 1 mil dry film thickness based on 50% transfer efficiency</p>
	Dry Film Weight	<p>38.9 g/m²/micron 0.008 lbs/ft²/mil</p>
	Volatile Organic Compounds	<p>Max 750 g/l Max 6.3 lb/gal</p>

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Upper Wing Coating



Gloss (60°)

10 – 40 GU



Color

Aluminum



Flash-point

763-66-9200
C25/90S
TL-160

16°C / 60°F
-4°C / 25°F
16°C / 60°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 for 763-66-9200 and 24 months for C25/90S. 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 MSDS's are available on request.

Issue date: October 2017 (supersedes February 2015) - 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.

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