



Product Group

Polyurethane Topcoats

Characteristics



Product
Information

Aviox® Non Slip is a 3-component durable polyurethane walkway coating for marked upper-wing emergency escape routes and cargo floor panels.

- Excellent durability and UV resistance
- Optimal non skid properties
- Non slip material has been incorporated in the base component.
- Product can be applied by regular air-spray techniques.

Aviox® Non Slip is a product part of the Aviox® Advanced Series which utilizes the latest high solid technology and sets the standard for minimum process times and reduced process cycle costs

Components



Hardener Thinner
or
Activator

Hardener 90150
Activator 99330

Specifications



Qualified Product
List

Airbus	AIMS 04-04-024
US Military	AA-59166
Ilyushin	I756.18.617

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

Surface Conditions



Cleaning

- Observe the re-coatability limits of the relevant topcoat.
- Remove oil, grease and other contaminations prior to application of Aviox® Non Slip.
- Recondition aged primers or topcoats with e.g. Scotch-Brite® type A very fine to a uniform and matt surface.
- Remove dust with e.g. tack rags prior to application of Aviox® Non Slip.

Instruction for Use



Mixing Ratio
(volume)

100 parts	Aviox® Non Slip
25 parts	Hardener 90150

Reduce to spraying viscosity with;

25 parts*	Activator 99330
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*) When roller application is applied, add 10 – 15 parts of Activator 99330

- Allow products to acclimatize to room temperature before use.
- Stir or shake Aviox® Non Slip till all pigment is uniformly dispersed before adding hardener.
- Add Hardener 90150 and stir the catalyzed mixture thoroughly.
- Add Activator 99330 if required and stir again till a homogeneous mixture.
- Mixed product tends to settle. Keep mixture homogeneous during application



Induction Time

Not applicable. The product can be used directly after mixing.



Initial Spraying
Viscosity
(21°C/70°F)

Not Applicable
(see note)



Note

Viscosity can not be measured due to the coarseness of the granulate in Aviox® Non Slip.



Pot Life
(21°C/70°F)

1½ hours



Dry Film
Thickness
(DFT)

75 – 125 µm / 3 – 5 mils



Note

Mixed product tends to settle. Keep mixture homogeneous during application.

The application and mixing characteristics of High Solid products differ from conventional products. Mix base and hardener for at least 2 minutes thoroughly. The high solid content causes a rapid film build up. Mixed product tends to settle. Keep the mixture homogeneous during application.

Application Recommendations



Conditions

Temperature: 15 – 35°C
59 – 95°F
Relative Humidity: 35 – 75%



Note

Aviox® Non Slip may be applied in conditions outside of the limits shown above. Care must be exercised to ensure a satisfactory result. Please contact your local AkzoNobel Aerospace Coatings representative to determine the proper application techniques and choice of thinner when environmental conditions fall outside of the recommended range.



Equipment

Gravity feed spray gun 1.8 – 2.0 mm nozzle orifice
Paint roller e.g. mohair; do not use polyurethane
foam roller



Number of coats

Apply a wet and uniform coat



Cleaning of
Equipment

Solvent Cleaning C 28/15 or Solvent Cleaning 98068



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
(21°C/70°F, 55% RH)

Dry to dust
Dry hard

2 hours
24 hours



Theoretical Coverage

9 m² per liter base material at 75 µm dry film thickness
361 ft² per US gallon base material at 3 mil dry film thickness



Dry film weight

1,4 g/m²/µm
0.0088 lbs/ft²/mil



Volatile Organic Compounds

Maximum 380 g/l
Maximum 3.2 lb/gal



Gloss (60°)

Low gloss appearance



Color

All colors available upon request



Flash-point

Aviox® Non Slip
Hardener 90150
Activator 99330

>21 °C / 70 °F
>21 °C / 70 °F
<21 °C / 70 °F



Storage

Store the product dry and at a temperature between 5 and 35°C / 41 and 95°F. Stored in the original unopened containers.

Aviox® Non Slip
Hardener 90150
Activator 99330

12 months
24 months
36 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.

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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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Scotch-Brite® is a trademark of 3M.