



# AkzoNobel Aerospace Coatings



Pexa is the authorised distributor of the AkzoNobel Aerospace Coatings range of high performance paints and coatings for civil and military aerospace applications. AkzoNobel Aerospace Coatings is the global leader in the manufacture, development and supply of coatings for the OEM and MRO sectors of the Commercial Airline, General Aviation and the Military Air markets. With manufacturing and support centres throughout the world, AkzoNobel Aerospace Coatings is considered the expert in their chosen field and is dedicated to providing innovative, reliable and efficient solutions to their customers worldwide. AkzoNobel Aerospace Coatings is a dedicated industry partner, providing support services including, training, technical advice and coatings consultancy.

## Applications

In the manufacture of civil and military aircraft AkzoNobel coatings are approved and used by the World's leading design authorities for all areas of the airframe for large and smaller airliners, fast jets, helicopters, transporters and in general aviation. In the maintenance (MRO) arena AkzoNobel produces coatings for application in service conditions for civil, military and general aviation.

## Compliance and Sustainability

AkzoNobel leads the industry in developing solutions which comply with current and future regulations. Low VOC versions of all types of product are available, which comply with EPA regulations including the European solvent emissions directive. The new REACH regulation will affect numerous substances including hexavalent chromates. AkzoNobel has an unrivalled range of chromate free primers for metal and composites including their patented Aerodur®2100MgRP magnesium based primer which offers galvanic corrosion protection to aluminium and Aerodur® HS2118 a high solids chrome free primer which can be used with and without pretreatment.

## Technologies

AkzoNobel has a leading position in coatings technologies for many important industrial markets. This technology base means that we can offer coatings chemistries including polyurethane, epoxy and acrylic in single and multi-component formulations; these can be delivered in water based and high solids materials.

## Types of coating

- Abrasion resistant coatings
- Anti-slip coatings
- Anti-static conductive coatings
- Basecoat/Clearcoat
- Cabin interior coatings
- Camouflage Coatings
- Composite Coatings
- Fuel tank coatings
- High Gloss Exterior Coatings
- High heat/insulation coatings
- Strippable systems
- Wing Coatings

aeroBASE  
aeroDUR  
aeroFINE  
aeroFLEX  
aeroWAVE  
alumGRIP  
AVIOX  
ECLIPSE  
metaFLEX<sup>SP</sup>  
spray2FiX



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## Key Performance and Specification Data

Selection of Official Approvals*	
Specification	Approved Coating
<b>Structural Anti Corrosion Primers</b>	
AIMS 04.04.001 / 003 / 038 / 040 / 042	Aerowave® 2001, Aerodur® 37092
BMS 10-11, Ty I, Cl A, Gr A	10-P4-2
Mil-PRF-23377 Type 1	10-P20-13
<b>Structural Topcoats</b>	
AIMS 04.04.001 / 003 / 040 / 045	Aerowave® 3003, Aerodur® 67348
BMS 10-11, Ty II, Cl B, Gr D	22 Series
BMS 10-60, Ty I and II, Cl B, Gr D	Eclipse®
<b>Composite Coatings</b>	
AIMS 04 04 002	Aerowave® 2002, Aerodur® Barrier Primer 37045, 37076
<b>Fuel Tank Coatings</b>	
AIMS 04 04 004	Aerowave® 2001, Aerodur® 37092, 37035a
BMS 10-20, Ty II, Cl A, Gr A	454-4-1
AMS-C-27725, Ty I	20-P1-21
<b>Exterior Durable Gloss Finishes</b>	
AIMS 04 04 013 / 014 / 025 / 031 / 032	Aviox® 77702
AIMS 04 04 25 / 033 / 037	Aerobase®
BMS 10-72 Type IX	Eclipse®, Aerodur® 3001 Basecoat/Clearcoat
AMS3095	Aerobase®, Aviox® 77702, Eclipse®
<b>Military/Camouflage Coatings</b>	
Mil-PRF-85285 Type 1, MMS420, BSX34	58 Series
Mil-PRF-85285 Type 4, AIMS 04 04 036	Aerodur® 5000
SP-J-513-C-0083, Type III, Class A & B	Aerowave® 5001
<b>Chromate Free Anti Corrosion Primers</b>	
MIL-PRF-32239 Ty II, Cl 1, Gr1	Aerodur® 2100 MgRP
AMS3095	Aerodur® 2100 MgRP, Aerodur® HS2118CF
AIMS 04 04 031 / 032 / 033 / 034 / 036 / 037	Aviox® CF Primer 37124
<b>Cabin Interior Coatings</b>	
FAR JAR 25.853	Aerofine®

\*for extensive list of specifications follow this link <http://www.anac.com/products/product-search-by-specification#/>



Pexa is a supplier of high technology materials to the aerospace, defence, electronics and energy industries. We are trusted partners of brand leading industrial product manufacturers; we employ progressive supply chain systems to deliver our promises. Our mission is to assist our customers to meet their own business objectives using our products and services; these products include surface finishing materials, aircraft maintenance products, application equipment and unique packaging solutions.

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