AKZONOBEL AEROSPACE COATINGS

APPLICATIONS & VALUE ADDED PRODUCTS

ADDEV Materials 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-static conductive coatings
▶ Cabin interior coatings
▶ Composite Coatings
▶ High Gloss Exterior Coatings
▶ Strippable systems

▶ Anti-slip coatings
▶ Basecoat/Clearcoat
▶ Camouflage Coatings
▶ Fuel tank coatings
▶ High heat/insulation coatings
▶ Wing Coatings

MATERIALS
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Key Performance and Specification Data

SELECTION OF OFFICIAL APPROVALS*

Specification	» Approved Coating

STRUCTURAL ANTI CORROSION PRIMERS

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

STRUCTURAL TOPCOATS

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®

COMPOSITE COATINGS

AIMS 04 04 002	» Aerowave® 2002, Aerodur® Barrier Primer 37045, 37076

FUEL TANK COATINGS

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

EXTERIOR DURABLE GLOSS FINISHES

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®

MILITARY/CAMOUFLAGE COATINGS

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

CHROMATE FREE ANTI CORROSION PRIMERS

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, Aerodur® HS Primer 2121 CF

CABIN INTERIOR COATINGS

FAR JAR 25.853	» Aerofine®, inTURA®

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

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