

TOPCOAT A1000 AD

FIRE RETARDANT FINISHES FOR CABIN INTERIORS

AkzoNobel

Product information



Fire retardant solvent based polyurethane anti-skid topcoat. Three-components product used for interior decoration of aircrafts.

Components



Base A1000 AD
Hardener / Catalyst A1000
Thinner P2

Specifications



Qualified in accordance with:
Airbus AIMS 04-08-008, Grey FS36044/ASNA5371
ABS 5650MC
CML : code 04PAF8

Product information mentioned in the technical datasheet is given for information purposes and can differ from requirements of specifications above. In that case, customer requirements are valid for your application

Physical properties



THEORETICAL COVERAGE

2.5 m²/kg (142 ft²/gal) for 150 µm (5.9 mils) dry (base and hardener undiluted)

DRY FILM WEIGHT

1.4

VOC

500g/L (ISO 11890-1 and ASTM D3960)

SHELF LIFE / STORAGE

24 months for the base and hardener, and 48 months for the thinner stored between 5°C and 35°C (41°F and 95°F) in full and sealed original packaging

GLOSS LEVEL

Matt (lower than 10GU at 60°)

NOTES

Gloss levels have been determined using glossmeter with an angle of incidence of 60°. The theoretical consumption value doesn't take into account the transfer efficiency for spray application

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Instructions for use



SPRAY APPLICATION

Base
Hardener / Catalyst
Thinner

Mixing ratio by volume

1V
1V
0V to 1V

MIXING PROCEDURE

Ideally, the unmixed products should be stored between 18°C and 25°C (64°F and 77°F) for 24 hours before use.

INDUCTION TIME

None

POT LIFE

4 hours

NOTE

Viscosities mentioned above are corresponding to the recommended range of viscosity to ensure compliant application. The range of dilution must be used to adjust viscosity to reach the recommended one.

Application recommendations



CONDITIONS

Temperature 15 °C to 35 °C (59°F to 95°F)

Relative humidity 30 % à 75 %

EQUIPMENT

Gravity compressed air gun Nozzle 2.2 mm

Electrostatic spray gun

DRY / WET FILM THICKNESS

150 µm to 300 µm dry (6 to 12 mils) / 350 to 715 µm (13.8-28.1 mils) wet

NUMBER OF COATS

Apply 6 to 8 crossed coats to get 150 µm to 300 µm dry (6 to 12 mils).

EQUIPMENT CLEANING

Clean the equipment with a suitable solvent such as P2 from Mapaero.

NOTE

Spray with dry and oil-free air.

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Drying times



Dust free
Dry to tape
Recoatable

23 °C (73°F)
1 hour
16 hours
2 hours to 72 hours

40 °C (104°F)
30 minutes
8 hours
1 hour to 36 hours

60 °C (140°F)
NA*
2 hours
15 minutes to 9 hours

NOTE

Drying times have been determined using tests pieces of a thickness < 2mm and for 225µm (8.8mils) of dry film. Flash off 30 minutes to 1 hour at 23°C (73°F) before steaming.

*NA: Not applicable

Defects & corrections



In the event of a defect, contact your Quality Department.

Health & Safety



See the product Safety Data Sheet
The MSDS are available through our site internet www.mapaero.com

Packing



A1000-AD base, A1000 hardener and P2 thinner are available in 1L and 5L.

WARRANTY : We guarantee our products against hidden defaults over material and preparation. Our Responsibility is limited to the obligation of freely replacing the defective material without there being a claim for any compensation. The advice we give is based on our experience but it might not be absolutely right. Consequently this does not imply our responsibility in case of inefficiency. Furthermore our company cannot be responsible for any material or corporal damages caused due to a misuse or mishandling of our products. Any concession to these clauses, to be valid, must be an official document issued by our offices and signed by our direction.