

TOPCOAT FLUO

SPECIAL COATINGS

AkzoNobel

Product information



Two component fluorescent polyurethane topcoat for marking areas. Must be protected by a clear coat.

Components



Base Fluo
Hardener / Catalyst Fluo
Thinner P2

Specifications



Qualified in accordance with:
AIRBUS n° CMS : 4933884486

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
5m²/L for 80 µm dry (base and hardener not diluted)

DRY FILM WEIGHT
1.1 (approx)

VOC
580 g/L (ISO 11890-1 and ASTM 3960)

COLOR
Red

SHELF LIFE / STORAGE
24 months for base and hardener, stored between 5°C and 35°C (41°F and 95°F) in full and sealed original packaging.

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

Surface preparation



All recommendations mentioned above are given for information.

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Instructions for use



SPRAY APPLICATION

MIXING RATIO

	Mixing ratio by weight	Mixing ratio by volume
Base	100	2 V
Hardener / Catalyst	45	1 V
Thinner	0 to 5	0 to 0.05V

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

INITIAL SPRAYING VISCOSITY

The equipment used for application can determine the desired dilution.
The list below is a guide to the optimum viscosity for various types of equipment.

AFNOR 4 Cup 25 to 30s

POT LIFE

3 hours at 23°C

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.

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Application
recommendations



CONDITIONS

Temperature 15 to 35°C (59 to 95°F)

Relative humidity 30 to 75%

EQUIPMENT

Spray gun Nozzle 1.4 to 1.8mm

DRY / WET FILM THICKNESS

80 to 100 µm dry

NUMBER OF COATS

Application on aluminium (dry thicknesses):

1 coat Wash Primer P11	80 to 100 µm
1 coat Primer P23	15 to 25 µm
1 coat white A1000	30 to 50 µm
Several coats FLUO	80 to 100 µm
Several coats varnish A1500 UVR	100 to 150 µm

EQUIPMENT CLEANING

Clean material with thinner P2 from MAPAERO

NOTE

Spray with dry and oil-free air.

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Drying times



NOTE

23°C (73.4°F)
Dust free 20 minutes
Dry to touch 2 hours
Recoatable 4 hours

For 80 to 100 µm dry.

*N.A. : 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 website www.mapaero.com

Packing



The Fluo base is available in 1L
The Fluo hardener is available in 0.5L
The thinner P2 is available in 1L and 5L
The Fluo kit is available in 1.5L

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.