

MAPCOAT AS

SPECIAL COATINGS



Product information



Three component, antistatic, thick polyurethane topcoat, used to protect from erosion.

Components



Base MAPCOAT AS
Hardener / Catalyst MAPCOAT AS
Thinner MAPCOAT AS

Physical properties



THEORETICAL COVERAGE

7.2 m²/kg for 50µm (2 mils) dry (base and hardener not diluted)

DRY FILM WEIGHT

1.6

VOC

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

SHELF LIFE / STORAGE

12 months for the base and the hardener, 48 months for the thinner between 5°C and 35°C (41-95°F) in full and sealed original cans.

NOTES

Electrical resistivity : 0.5 to 15 0mh.m

The theoretical consumption value don't take into account the transfer efficiency for spray application.

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AkzoNobel

Instructions for use



SPRAY APPLICATION

MIXING RATIO

Base
Hardener / Catalyst
Thinner

Mixing ratio by weight

100
33
10 to 20

MIXING PROCEDURE

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

Mix the base and the hardener until the mixture is homogeneous before adding the thinner.

The mixture must be made at a temperature between 15°C and 35°C (59°F and 95°F).

Remark : It is recommended to sieve the paint through a 150 µm (6 mils) filter.

INDUCTION TIME

5 minutes

Spraying viscosity at 20°C / 68°F

Dilution
20%

AFNOR 6
17s ± 3s

POT LIFE

1 hours at 23°C

NOTE

- The 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°C to 35°C

Relative humidity 30% to 75%

EQUIPMENT

Gravity compressed air gun Nozzle 2.2mm

DRY / WET FILM THICKNESS

50 to 70µm (2-2.8 mils) dry

NUMBER OF COATS

Apply 4 to 6 crossed coats with 3 to 5 minutes between each coat to obtain 50 to 70µm

EQUIPMENT CLEANING

Clean the equipment with a suitable thinner such as MAPCOAT AS from Mapaero

NOTE

Pulvériser avec un air sec et déshuilé.

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Drying times



NOTE

Dust Free
Dry to touch
Fully Cured

23°C
2 hours
4 hours
7 days

At 60°C (140°F), the polymerisation last for 24 hours.
Drying times have determined using pieces of a thickness < 2mm and for 60µm (2.4 mils) of dry film.

Defects & corrections



In case of defect, contact your Quality Department.

Health & Safety



See the product Security data sheets.
The MSDS are available through our website www.mapaero.com upon request.

Packing



The MAPCOAT AS Black kit is available in 1kg (750g base + 250g hardener)
The MAPCOAT AS thinner is available in 1L.

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.