PRIMER 9014-B

SPECIAL COATINGS

AkzoNobel

Product information

Tri-components polyurethane adhesion promoter. It is necessary to apply the 9014-B before applying MAPCOAT anti-erosion system.

Components

Base 9014-B
Hardener / Catalyst 9014-B
Thinner P

Specifications

Qualified in accordance with:
French Air Force : DCAN N°060/AERO/61
Embraer : MEP 10-124

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
21 m²/kg for 20 µm (0.8 mils) dry (base and hardener undiluted)

DRY FILM WEIGHT
1.5

VOC
450 g/L (Base+Hardener ISO11890-1 and ASTM D3960)

COLOR
White

SHELF LIFE / STORAGE
24 months for the base and the 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
Not applicable because the application of MAPCOAT system takes place before the drying of 9014-B Primer.

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

Surface preparation

The primer 9014-B should be applied, for example, on the surfacer P28, when the substrate is a composite, or on an anticorrosive primer such as AEROPRIM 530 when the substrate is treated aluminum alloy.

Contact us for information on uses on other metallic structures, surface treatments or paints.

All recommandations mentioned above are given for information.

MAPAERO SAS - 10, avenue de la Rijole - CS30098 - 09103 PAMIERS CEDEX - Tel : 33(0)5 34 01 34 01 - Fax : 33(0)5 61 60 23 30
e-mail: aero.cs.pamiers@akzonobel.com

PRIMER 9014-B

SPECIAL COATINGS

AkzoNobel

Instructions for use

SPRAY APPLICATION

MIXING RATIO

	Mixing ratio by weight
Base	100
Hardener / Catalyst	54
Thinner	5 à 15

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
The 9014-B base should be mixed for 10 minutes in a pneumatic or oscillating mixer before use.
Mix the base and the hardener until the mixture is homogeneous. Then add the thinner and mix.
The mixture must be made at a temperature between 15°C and 35°C (60-95°F).

It is recommended to sieve the mixture through a 120-150µm (5-6 mils) filter.

INDUCTION TIME
None

Spraying viscosity at 20°C / 68°F

Dilution rate by weight	AFNOR 4
10%	19s ± 2.5s

POT LIFE
6 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 (59°F) to 35°C (95°F)
Relative humidity 30 % to 75 %

EQUIPMENT
Gravity compressed air gun Nozzle 1.3 mm to 1.8 mm

DRY / WET FILM THICKNESS
15 µm to 25 µm (0.6 to 1 mils) dry

NUMBER OF COATS
Apply two cross coats to get 15-25 µm (0.6 to 1 mils) dry thickness.

EQUIPMENT CLEANING
Clean the equipment with a suitable cleaning thinner, such as thinner P of Mapaero.

NOTE
Spray with dry and oil-free air.

MAPAERO SAS - 10, avenue de la Rijole - CS30098 - 09103 PAMIERS CEDEX - Tel : 33(0)5 34 01 34 01 - Fax : 33(0)5 61 60 23 30
e-mail: aero.cs.pamiers@akzonobel.com

PRIMER 9014-B

SPECIAL COATINGS

AkzoNobel

Drying times

	23°C
Recoatable	30 minutes to 1 hour

NOTE
Drying times have been determined using tests pieces of a thickness < 2mm for 20µm (0.8mils) of dry film.
Recoatable by MAPCOAT top coat.

*N.A. : Not applicable

Defects & corrections

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

In case of running, rejects or numerous inclusions: remove the paint with a lint free cloth and P thinner, and start again the process of application and reactivation of the previous coat.

Health & Safety

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

Packing

The base and the hardener are only available in 1 L kit.
The Thinner P is available in 1L and 5L.

MAPAERO SAS - 10, avenue de la Rijole - CS30098 - 09103 PAMIERS CEDEX - Tel : 33(0)5 34 01 34 01 - Fax : 33(0)5 61 60 23 30
e-mail: aero.cs.pamiers@akzonobel.com