

# FINISH MAPGLISS

## SPECIAL COATINGS

**AkzoNobel**

### Product information



Three components, flexible polyurethane topcoat with low static friction coefficient, used for doors and wing flats.

### Components



**Base MAPGLISS**  
**Hardener / Catalyst MAPGLISS**  
**Thinner P2**

### Specifications



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**  
8 m<sup>2</sup>/L for 50µm (2 mils) dry (base and hardener not diluted)

**DRY FILM WEIGHT**  
1.5

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

**SHELF LIFE / STORAGE**  
48 months for the base and the thinner, 24 months for 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	1V
Hardener / Catalyst	72	1V
Thinner	0 to 15	0V to 0.2V

#### MIXING PROCEDURE

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

The mixture by weight is recommended.

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 and 35°C (59 and 95°F).

Remark : It is recommended to sieve the mixture using a 80µm (3.1mils) filter.

#### INDUCTION TIME

None

#### Spraying viscosity at 20°C / 68°F

Dilution	AFNOR 4
7.5%	15s ± 2s

#### POT LIFE

4 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°C to 35°C (59-95°F)

**Relative humidity** 30% to 75%

### EQUIPMENT

**Gravity compressed air gun** Nozzle 1.2mm to 1.8mm

**Electrostatic gun** Nozzle 1.2mm to 1.8mm

### DRY / WET FILM THICKNESS

40 to 70µm (1.6-2.8 mils) dry

### NUMBER OF COATS

Apply one crossed coat and let dry 20 minutes to 1.5 hours until the solvent has flashed off. Then spray one wet crossed coat to obtain 40 to 70µm dry.

### EQUIPMENT CLEANING

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

### NOTE

Spray with dry and oil-free air.

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### Drying times



**Dust free**  
**Dry to tape**

**23°C**  
1 hour  
7 to 9 hours

**NOTE**

Drying times have determined using pieces of a thickness < 2mm and for 55µm (2.2 mils) of dry film.

\*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](http://www.mapaero.com)

### Packing



The MAPGLISS base is available in 1L.  
The MAPGLISS hardener is available in 1L.  
The P2 thinner is available in 1L and 5L.  
The MAPGLISS kit is available in 2L (1L Base + 1L Hardener).

**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.