

SURFACER P28

SPECIAL COATINGS

AkzoNobel

Product information



Sandable, quick drying polyurethane surfacer three components, used for the preparation of composite or metallic surfaces.

Components



Base P28
Hardener / Catalyst P28
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
10m²/L for 50µm (2mils) dry (base and hardener not diluted).

DRY FILM WEIGHT
2.1

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

SHELF LIFE / STORAGE
24 months for the base and the hardener, 48 months for thinner 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	5V
Hardener / Catalyst	12	1V
Thinner	0 to 5	0V to 0.4V

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 mixture by weight is recommended.

Mix the base and the hardener until the material is homogeneous. Then add thinner and mix.

The mixture must be made at a temperature between 15°C and 35°C (60-95°F).

INDUCTION TIME

None

Spraying viscosity at 20°C / 68°F

Dilution rate by weight	AFNOR 4
2.5%	20s ± 2s

POT LIFE

1 hours 30 minutes

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 (60-95°F)

Relative humidity 30% to 75%

EQUIPMENT

Gravity compressed air gun Nozzle between 1.4mm and 1.8mm.

DRY / WET FILM THICKNESS

50µm to 100µm dry

NUMBER OF COATS

Spray one or several crossed coats to obtain required thickness.

EQUIPMENT CLEANING

Clean the equipment with P2 thinner from MAPAERO.

NOTE

Spray with dry and oil-free air

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Drying times



Dust free
Dry to tape
Dry to sand
Recoatable

23°C
30 minutes
45 minutes
3 hours
3 to 24 hours

50°C
10 minutes
15 minutes
1 hour
1 to 3 hours

NOTE

Drying times have been determined using tests pieces of a thickness < 2mm for 75µm (3 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

Packing



The P28 base is available in 1L and 5L.
The P28 hardener is available in 0.2L and 1L.
The P2 thinner is available in 1L and 5L.
The P28 is available in 1.2L and 6L.

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.