

# PRIMER P300

## SPECIAL COATINGS

**AkzoNobel**

### Product information



Three components polyurethane primer, high chemical resistance and resistant to high temperature (250°C).

### Components



**Base P300**  
**Hardener / Catalyst 300-HT**  
**Thinner FRSL**

### Specifications



**Qualified in accordance with:**

SONACA SMS N°0801

Product informations mentioned in the technical datasheet are 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**

21m<sup>2</sup>/L for 20µm (0.8mils) dry (base and hardener undiluted)

**DRY FILM WEIGHT**

1.4

**VOC**

545 g/L (ISO 11890-1 and ASTM D3960)

**SHELF LIFE / STORAGE**

12 months for base and hardener, 48 months for thinner stored in original full and sealed cans between 5°C and 35°C (41-90°F).

**NOTES**

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

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Instructions for use



### SPRAY APPLICATION

**Base**  
**Hardener / Catalyst**  
**Thinner**

### Mixing ratio by volume

3V  
1V  
1V to 2V

### MIXING PROCEDURE

Ideally, unmixed products should be stored between 18°C and 25°C (64-77°F) for 24 hours before application. Mix the base and the hardener until the material is homogeneous. Then add the thinner. The mixture must be made at a temperature between 15°C and 35°C (60-90°F). It is recommended to sieve the material using 150µm (5.9mils) filter.

### INDUCTION TIME

None

### Spraying viscosity at 20°C / 68°F

Dilution	ISO 4	AFNOR 2.5
1.5V	22s ± 3s	50s ± 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. ISO 4 cup is the reference cup. The others are given for informations purposes.

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Application  
recommendations



### CONDITIONS

**Temperature** 15°C to 35°C (60-90°F)

**Relative humidity** 30% to 70%

### EQUIPMENT

**Spray gun such as KREMLIN M21** Nozzle from 1.2mm to 1.4mm

### DRY / WET FILM THICKNESS

15µm to 25µm dry

### NUMBER OF COATS

Spray one homogeneous fine coat and wait 10 to 20 minutes.  
Then spray a second fine coat to obtains 15 to 25 µm of dry film.

### EQUIPMENT CLEANING

Clean the material with thinner FRSL.

### NOTE

Spray with dry and oil-free air.

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### Drying times



**Dust free**  
**Dry to handle**  
**Recoatable**  
**Fully Cured**

**23°C (73°F)**  
30 minutes  
3 hours  
3 to 72 hours  
14 days

**Thermo IR**  
N.A.\*  
10 minutes  
10 to 30 minutes  
50 minutes

#### NOTE

Drying times have been determined using tests pieces of a thickness <2mm for 15 - 25µm (0.8mils) of dry film. Before drying with infrared thermoreactor, let dry at ambient temperature during 15 minutes.

N.A.\* : Not applicable.

### Defects & corrections



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

### Health & Safety



See the product Safety Data Sheets.

The MSDS are available on the website [www.mapaero.com](http://www.mapaero.com)

### Packing



The P300 Base is available in 3L.  
The 300-HT hardener is available in 1L.  
The FRSL thinner is available in 1L and 5L.  
The P300 Kit 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.