

# PINTALU 600 FINITION

Silicon



## DEFINITION

Finish of the PINTALU 600 system for the protective coating of steel structures exposed to high temperatures (600°C peak temperature).

## INTENDED USES

The PINTALU 600 system provides protection against rust, heat, bad weather and sunlight to the following :

- Ovens,
- Fireplaces,
- Chimney,
- Boilers,
- Piping systems, etc.

## PRINCIPAL CHARACTERISTICS

PINTALU 600 FINITION is an extra white, aluminium based finish :

- With very good resistance to excessive temperature.
- which ensures the stability of the system with regard to UV rays.

Note : before the first heat-up, the product should not be handled.

## TECHNICAL DATA

Gloss level	: Mat
Colours	: Aluminium
Number of components	: 1
Specific gravity	: 1,30 +/- 0,05 g/cm <sup>3</sup>
Solids volume	: 44,0 +/- 3%
Solids weight	: 63,0 +/- 2%
Typical thickness (dry)	: 25 µm
Typical thickness (wet)	: 60 µm
Theoretical spreading rate	: 16,8 m <sup>2</sup> /l for 25 µm dry



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### INSTRUCTIONS

#### SURFACE PREPARATION

The surface must be clean and covered with a coat of PINTALU 600 PRIMAIRE.

#### APPLICATION

Substrate temperature : Between +5°C and +40°C and at least 3°C higher than the dew point in order to eliminate any risk of condensation.

Weather conditions : The temperature should be between 10°C and 40°C  
The relative humidity should be between 0% and 80%

#### AIRLESS SPRAY

Thinner : 68-69 v01  
Dilution : 0 to 4 %  
Nozzle : 0.011-0.013  
Pressure at nozzle : 100-150 bars  
Report pump Min : 30/1

#### AIR SPRAY

Thinner : 68-69 v01  
Dilution : 0 to 4 %  
Nozzle : depending on equipment  
Pressure at nozzle : 3-5 bars

#### BRUSH

Thinner : /  
Dilution : ready to use  
For pre-layers only.

#### ROLLER

Thinner : /  
Dilution : ready to use  
For pre-layers only.

**CLEANING SOLVENT :** 68-69 v01

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### CURING TIME

Temperature	Drying time		Overcoating interval		Ready for use
	Touch dry	Hard dry	Minimum	Maximum	
10°C	4 hours	After temperature rise	24 hours	Not critical	48 hours
20°C	2 hours 30	After temperature rise	12 hours	Not critical	24 hours
30°C	2 hours	After temperature rise	6 hours	Not critical	18 hours

### COMPATIBILITY

Previous coat(s)                      Itself, PINTALU 600 PRIMAIRE, Zinc Silicate 76-98-1.  
Subsequent coat(s)                  Itself.

### REGULATORY SPECIFICATIONS

AFNOR RATING                      AFNOR NFT 36 005 rating Family I Class 10c  
VOC (Directive                      EU limit value for this product (cat. A/i) : 500 g/l (2010)  
2004/42/EC)                        This product contains max 500 g/l VOC

### HEALTH AND SAFETY

Flash point                            Inferior or equal to 21°C  
Transport and labelling            Refer to the safety data sheet established as per applicable European directives  
Shelf life                                2 years in original full, sealed packaging. Store in a cool, ventilated place.  
Precautions                            Refer to the current material safety data sheet

### PACKAGING

Packaging
5 l
15 l