

PINTALU 400 FINITION

Modified silicon



DEFINITION

Protection coating on steel structures exposed to high temperatures (400°C peak temperature).

INTENDED USES

The PINTALU 400 system provides protection against rust, heat, bad weather and sunlight to the following :

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

PRINCIPAL CHARACTERISTICS

PINTALU 400 FINITION is an extra white, aluminium based finish :

- With very good resistance to high 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

Colours	: Aluminium
Number of components	: 1
Specific gravity	: 1,06 +/- 0,05 g/cm ³
Solids volume	: 55,0 +/- 3%
Solids weight	: 66,0 +/- 2%
Typical thickness (dry)	: 25 µm
Typical thickness (wet)	: 45 µm
Theoretical spreading rate	: 22 m ² /l for 25 µm dry



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INSTRUCTIONS

SURFACE PREPARATION

The surface must be clean and covered with a coat of EPODUX ZINC 59-178.

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 85%

AIRLESS SPRAY

Thinner : 68-69 v01

Dilution : 0 to 3 %

Nozzle : 0.011-0.013

Pressure at nozzle : 100-150 bars

AIR SPRAY

Thinner : 68-69 v01

Dilution : 10 to 20 %

Nozzle : depends on the equipment used.

Pressure at nozzle : 3-5 bars

BRUSH

Thinner : /

Dilution : ready to use

ROLLER

Thinner : /

Dilution : ready to use

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	3 hours 30	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 or EPODUX ZINC 59-178.
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