

PINTALU 600 PRIMAIRE

Silicon



DEFINITION

Primer 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 :

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

PRINCIPAL CHARACTERISTICS

Thanks to its high zinc metal pigmentation, the PINTALU 600 PRIMAIRE :

- Withstands high temperatures.
- Provides very good protection against corrosion.

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

TECHNICAL DATA

Gloss level	: Mat
Colours	: Grey
Number of components	: 1
Specific gravity	: 2,37 +/- 0,10 g/cm ³
Solids volume	: 58,0 +/- 3%
Solids weight	: 84,0 +/- 2%
Typical thickness (dry)	: 40 µm
Typical thickness (wet)	: 70 µm
Theoretical spreading rate	: 14,5 m ² /l for 40 µm dry - 23,20 m ² / for 25 µm dry



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INSTRUCTIONS

SURFACE PREPARATION

New steel « heavy duty use »
Abrasive blast cleaning at Sa 3 according to ISO 8501-1 : 2007.
Roughness profile
Mid G according to ISO 8503-2 (Ra 10-12,2 µm).

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 35°C
The relative humidity should be between 0% and 80%

AIRLESS SPRAY

Thinner : 68-69 v01
Dilution : 0 to 3 %
Nozzle : 0.013-0.015
Pressure at nozzle : 100-150 bars
Minimal pump ratio : 30/1

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 : Not recommended, ready for use

ROLLER

Thinner : /
Dilution : Not recommended, ready for 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	/	3 hours	with presence of zinc salts	24 hours
20°C	2 hours	/	1 hour	with presence of zinc salts	18 hours
30°C	45 minutes	/	45 minutes	with presence of zinc salts	12 hours

COMPATIBILITY

Previous coat(s) Itself.
Subsequent coat(s) PINTALU 600 FINITION.

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 485 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 1 year in original full, sealed packaging. Store in a cool, ventilated place.
Precautions Refer to the current material safety data sheet

PACKAGING

Packaging
2.5 l
10 l