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# 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 CARACTERISTICS

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 <sup>3</sup>
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 m²/l for 40 µm dry - 23,20 m²/ 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

	Drying	Drying time		Overcoating interval			
Temperature	Touch dry	Hard dry	Minimum	Maximum	Ready for use		
10°C	3 hours	/	3 hours	with presence of	24 hours		
				zinc salts			
20°C	2 hours	/	1 hour	with presence of	18 hours		
				zinc salts			
30°C	45 minutes	/	45 minutes	with presence of	12 hours		
COMPATIBILITY				zinc salts			
Previous coat(s)	Itself.						
Subsequent coat(s)		PINTALU 600 FINITION.					
REGULATORY SPECI	FICATIONS						
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 produc	This product contains max 485 g/I VOC					
HEALTH AND SAFET	Y						
		-					
Flash point	Inferior or e	Inferior or equal to 21°C					
Transport and labelli	ng Refer to the	Refer to the safety data sheet established as per applicable European directives					
Shelf life	1 year in ori	1 year in original full, sealed packaging. Store in a cool, ventilated place.					
Precautions	Refer to the	Refer to the current material safety data sheet					
PACKAGING							
PACKAGING							

Packaging
2.5
10



Laboratoire Recherche & Développement - Usine - Administration Z.I. -1, rue Denis Papin - 09100 PAMIERS - Tél. 05 61 67 97 40 - Fax : 05 61 67 05 47 Contact : accueil@maestria.fr - Site internet : www.maestria.fr



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This description sheet is designed to inform customers about the properties of our product. The information is based on our current knowledge. However, this information cannot replace an appropriate description of the nature and condition of the base to be painted. Techniques and technology are constantly developing and it is up to our customers, before using any product, to check with our departments that the sheet has not been updated and replaced by a more recent version. The present description sheet replaces any previous sheet about the same product. The above technical data does not engender acceptance of any guarantee