

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

Exposure(s) :

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.

COMPATIBILITY

PREVIOUS COAT(S)*	SUBSEQUENT(S) COAT(S)*
Itself	Itself.
PINTALU 600 PRIMAIRE	
Zinc Silicate 76-98-1.	

*For any product not mentioned in compatibility lists, contact our technical support.

TECHNICAL DATA

NUMBER OF COMPONENTS	1
GLOSS LEVEL	Mat
COLOURS	Aluminium
SPECIFIC GRAVITY	1,30 +/- 0,05 g/cm ³
SOLIDS CONTENT	weight : 63,0 +/- 2% volume : 44,0 +/- 3%
TYPICAL THICKNESS (DRY)	25 µm
RECOMMENDED WET FILM THICKNESS	60 µm
THEORETICAL SPREADING RATE	16,8 m ² /l for 25 µm dry
AFNOR RATING NFT 36 005	AFNOR NFT 36 005 rating Family I Class 10c
VOC (Directive 2004/42/EC)	Cat. A/i : 500 g/L (2010) 500 g/L VOC
PACKAGING	5 L - 15 L

*Specific gravity, solid content by volume and by weight are given without thinner and on the white base for all topcoat. Liquid characteristics of products are given at 20°C.

POT LIFE - DRYING TIME - OVERCOAT INTERVAL

FILM THICKNESS 0 µm dry	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

Dilution, relative humidity and aeration could affect drying time.

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INSTRUCTIONS

All surfaces must be clean, dry and contamination-free before painting.

SURFACE PREPARATION

SUBSTRATE(S) :	RECOMMENDED
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APPLICATION CONDITIONS

WEATHER CONDITIONS	Room temperature : Relative humidity :	The temperature should be between 10°C and 40°C 80% maximum
TEMPERATURE	Of substrate : Of product :	Between and +5°C and +40°C and at least 3°C higher than the dew point in order to eliminate any risk of condensation.

Early exposure to condensation or rain could provide a change of gloss and/or shade.

APPLICATION

APPLICATION EQUIPMENT	DILUTION*	NOZZLE	PRESSURE AT NOZZLE	MINIMUM PUMP RATIO	REMARKS
AIRLESS SPRAY	0 to 4 %	0.011-0.013 (inches)	100-150 bars	-	Report pump Min : 30/1
AIR SPRAY CONVENTIONAL	0 to 4 %	depending on equipment	3-5 bars	-	-
BRUSH	ready to use	-	-	-	For pre-layers only.
ROLLER	ready to use	-	-	-	For pre-layers only.
THINNER	-		CLEANING SOLVENT	-	-

* Dilution rate % are indicative and should be adapted to atmospheric conditions and site specific conditions. Excess of thinner could involve sagging effect and lost of opacity.

HEALTH AND SAFETY

Flash point	: Inferior or equal to 21°C
Shelf life	: DLUO : 2 years minimum in original full, sealed packaging . Store in a cool, ventilated place.
Precautions	: Refer to the current material safety data sheet(SDS).
Transport and labelling	: Refer to SDS according to European directives.
Waste Management	: Soiled Industrial wastes. For more information, please refer to SDS.