

PINTALU 400 FINITION

Modified silicon

DEFINITION

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

INTENDED USES

Exposure(s) :

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.

COMPATIBILITY

PREVIOUS COAT(S)*	SUBSEQUENT(S) COAT(S)*
Itself or EPODUX ZINC 59-178.	Itself.

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

TECHNICAL DATA

NUMBER OF COMPONENTS	1
COLOURS	Aluminium
SPECIFIC GRAVITY	1,06 +/- 0,05 g/cm ³
SOLIDS CONTENT	weight : 66,0 +/- 2% volume : 55,0 +/- 3%
TYPICAL THICKNESS (DRY)	25 µm
RECOMMENDED WET FILM THICKNESS	45 µm
THEORETICAL SPREADING RATE	22 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
VOC IN INDOOR AIR	 * Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).
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	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

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	:	The temperature should be between 10°C and 40°C
	Relative humidity	:	85% maximum
TEMPERATURE	Of substrate	:	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.
	Of product	:	

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 3 %	0.011-0.013 (inches)	100-150 bars	-	-
AIR SPRAY CONVENTIONAL	10 to 20 %	depends on the equipment used.	3-5 bars	-	-
BRUSH	ready to use	-	-	-	-
ROLLER	ready to use	-	-	-	-
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.