

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 |  <small>ÉMISSIONS DANS L'AIR INTÉRIEUR</small> * 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.

PINTALU 400 FINITION

INSTRUCTIONS

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

SURFACE PREPARATION

| SUBSTRATE(S) : | RECOMMENDED |
|----------------|-------------|
|----------------|-------------|

APPLICATION CONDITIONS

| | | |
|--------------------|---|---|
| WEATHER CONDITIONS | Room temperature : Relative humidity : | The temperature should be between 10°C and 40°C 85% 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 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. |