

## EPOXY BASECOAT FV 6120 series (FONDO EPOSSIDICIO serie FV 6100)

### 1) GENERAL INFORMATION AND INSTRUCTIONS FOR USE

#### 1.1) General information:

A two-component product for metal and cement substrates, with two-component epoxy-polyamide resins, added inorganic Zinc Phosphate protective coating to give the system maximum resistance and long-lasting performance.

#### 1.2) Instructions for use:

This product was designed for use on all ferrous substrates, suitably degreased and descaled, and can be used to offer excellent adherence, even on the most difficult substrates (e.g. galvanised sheet metals). It is perfectly suitable for cement floors.

Once completely dry, the EPOXY BASECOAT FV 6100 series can be recoated with any synthetic product, solvent- and water-based, fast-drying, nitrocellulose and polyurethane.

We recommend not recoating after 24-48 hours without sanding first.

### 2) IDENTIFICATION PROPERTIES

Type of resin: Epoxy-polyamide

Specific weight: 1,550 g/litre  $\pm$  20 g/litre      Total solids: 66%  $\pm$  2% w/w

Kinematic viscosity at 20 °C: Ford viscosity cup/8: 16"  $\pm$  1" THIX

Pot life with thinner: 4 hours

### 3) APPLICATION INSTRUCTIONS

#### 3.1) Ambient and substrate conditions

Ambient temperature:                      minimum 5 °C maximum 40 °C

Ambient relative humidity:                maximum 80%

Substrate temperature:                    minimum 5 °C maximum 40 °C

Substrate humidity: apply on visibly dry surfaces.

Prepare the substrate with manual or mechanical cleaning, preferably white metal sandblasting SA 2.5.

#### 3.2) Preparation

- EPOXY BASECOAT FV 6120 SERIES (FONDO EPOSSIDICIO SERIE FV 6120)

Rev.01      Updated on: APRIL 2015

# Colorificio Feroni S.r.l.

## PRODUCTION

### Wood stains - Paints - Thinners

- catalyse at 20% by weight with CATALYSER CT 790
- thin between 5 and 15% with THINNER FOR EPOXY 2018 (DILUENTE PER EPOSSIDICI 2018), depending on the application.

#### 3.3) Application with brush

Feasibility: possible.

Thinning: 10% with THINNER FOR EPOXY 2018

Mix the product well before application.

Recommended yield, per layer: ~ 4-5 m<sup>2</sup> kg of product ready for use.

#### 3.4) Application with roller

Feasibility: possible.

Thinning: 10% with THINNER FOR EPOXY 2018

Mix the product well before application.

Recommended yield, per layer: ~ 4-5 m<sup>2</sup> kg of product ready for use.

#### 3.5) Application with air sprayer (air mix)

Feasibility: possible.

Thinning: 10% with THINNER FOR EPOXY 2018

Mix the product well before application.

Recommended yield, per layer: ~ 4-5 m<sup>2</sup> kg of product ready for use.

Recommended pressure: 2.5 – 3.5 atm

Recommended nozzle diameter: 1.7 – 2.2 mm

#### 3.6) Application with airless sprayer (air less).

Feasibility: possible.

Thinning: 8% with MULTIPURPOSE THINNER 2005 (DILUENTE POLIVALNTE 2005)

Mix the product well before application.

Recommended yield, per layer: ~ 4-5 m<sup>2</sup> kg of product ready for use.

Recommended pressure ratio 100 – 136 atm

Recommended nozzle diameter: 0.4 – 0.5 mm

#### 3.7) Drying or hardening at 23 °C and 65% relative humidity.

Surface dry or dry to touch time: 2 - 3 hours

Through drying time: 12 - 24 hours

Dry to recoat time: minimum 4 - 6 hours, maximum 24 hours

#### 3.8) Tool cleaning:

With THINNER FOR EPOXY 2018

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## **STORAGE INSTRUCTIONS**

Rev.01

Updated on: **APRIL 2015**

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# Colorificio Feroni S.r.l.

## PRODUCTION

### Wood stains - Paints - Thinners

Maximum storage temperature: 40 °C

Minimum storage temperature: 5 °C

Package formats available: 6 kg. – 25 kg.

5)

#### SAFETY INSTRUCTIONS

Labelling in compliance with EC directives.  
See updated safety data sheet.

This revision supersedes and replaces previous ones.

Although the above information is reliable, it must be considered as indicative. Its use does not imply any responsibility on our part. It is therefore the user's responsibility to assess in advance the suitability of the product for its intended use.

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