

Data sheet

101.00001

CLEAR EPOXY EPOLUX IMPREGNATING AGENT



1000 +
200 +
500



14" - 16" FORD 4
at 20 °C



At 20 °C: 24 - 36 hours



Roller application



Brush application

NATURE OF PRODUCT:

Two-component clear epoxy-polyamide paint to be mixed at the time of use.

FIELD OF APPLICATION:

Dustproof impregnating agent for concrete substrates. Anchor on iron surfaces, galvanized iron, aluminum, brass.

PREPARATION OF THE SUBSTRATE:

- **Concrete surfaces built at least four weeks ago:** Always check residual moisture content ($\leq 3\%$ by weight) before painting. Moisture could also rise from the base by capillarity. Perform the "plastic sheet test" (2m x 2m polyethylene sheet taped to the concrete surface to be painted): the sheet must remain in place for at least 24 hours. This makes it possible to detect any rising vapor that would condense on the sheet.

In the case of particularly smooth surfaces (resulting from finishing treatments, for example, with a concrete helicopter), it is recommended to roughen (with processes such as grinding, sanding, sandpapering, etc.) and eliminate any kind of contamination (fats, oils, acids, cracks, cavities, etc.) that may preclude or affect paint adhesion.

- **Iron surfaces:** SA2 grade sandblasting, or thorough mechanical cleaning followed by degreasing with solvents.

PREPARATION OF THE PRODUCT:

| | | |
|----------|--------------------------------|---------------------|
| Comp. A: | 101.00001 | 100 parts by weight |
| Comp. B: | CZ.105 or CZ.110 | 20 parts by weight |
| Comp. A: | 101.00001 | 5 parts by Volume |
| Comp. B: | CZ.105 or CZ.110 | 1 part by Volume |

Mix until the color and consistency are uniform.

After catalysis, **dilute 50% - 60%** with our **D.150** epoxy thinner.

PRODUCT SPECIFICATIONS:

| | | | |
|---|--|---|------------------------|
| TYPE OF PRODUCT | : Two-component; | | |
| APPEARANCE OF THE FILM | : Glossy | | |
| COLORS | : Clear | | |
| SPECIFIC WEIGHT Comp.(A) | : 0,97 Kg/L(± 0,05) | | |
| SUPPLY VISCOSITY | : 10" - 15" (± 2) ford 4 at 25 °C | | |
| DRY RESIDUE (A) | : 20% (± 2) | | |
| DRYING AT 20 °C. | : - <i>Dry dust-free</i> | : | 15' - 20' |
| | : - <i>Print-free</i> | : | 3 - 4 hours |
| | : - <i>Drying</i> | : | 24 - 36 hours at 20 °C |
| RECOMMENDED LAYERS | : 2 coats. | | |
| RECOMMENDED THICKNES | : 15 - 20 micron | | |
| THEORETICAL YIELD ⁽¹⁾ | : 9 m ² /Kg-Lt at 20 microns dry | | |
| POT- LIFE AT 20 °C | : 6 hours. The pot-life decreases at higher temperatures | | |

⁽¹⁾ Calculated in non-absorbent flat surface.

Yield on mineral substrates is highly variable and depends on substrate absorption.

RECOATING:

After 2 to 3 hours and within 12 hours with epoxy enamels **series 193 - 190** or **series 112**.

SAFETY REGULATIONS:

Strictly follow the instructions on the labeling and in the safety data sheet.

STORAGE CONDITIONS:

The storage room must be dry and with a temperature between +10 °C and +35 °C.

The data and information contained in this sheet are the result of our experience and accurate laboratory tests. However, since the painting process represents a set of operations that are beyond our control, they do not therefore guarantee, in any way, the final performance of the cycle.

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