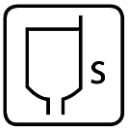
*Data sheet*

# Series 112 K.112

# SEMI-GLOSS EPOLACK


1000 gr +
200 gr +
200 gr




20"- 22" FORD 4
at 20 °C

Ø 1.4 – 1.8 mm
4-5 Atm
N° of coats 2

At 20 °C: 24-36 hours
At 60 °C: 30' – 40'

## NATURE OF PRODUCT:

Two-component epoxy product to be mixed at the time of use.

## FIELD OF APPLICATION:

Machine tools, metal furniture, carpentry, etc. Possibility of application also on Industrial flooring, with special resistance to trampling.

## PREPARATION OF THE SUBSTRATE:

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

**Galvanized steel**: Scouring with Scotch-Brite, or sanding followed by degreasing with solvents.

**Aluminum**: Mechanical cleaning by sanding, followed by degreasing with solvents.

**Thermosetting resins**: Degreasing with solvents.

**Concrete surfaces built at least four weeks ago**: Always check residual moisture content (≤ 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.

## PREPARATION OF THE PRODUCT:

| | | |
|---|---|---|
| Comp. A: | **K.112 + Coloring pastes** | 100 parts by weight |
| Comp. B: | **CZ.105 or CZ.110 (1)** | 20 parts by weight |

**(1) Excellent chemical resistance, increased hardness and wear resistance are achieved with CZ.110.**

Mix until uniform consistency and color, then dilute with our **D.150** (Standard) or **D.160** (Rapid) fepoxy thinner to a viscosity of 20"-22" Ford 4 at 20 °C.

For applications on concrete, proceed with the first coat well thinned so that it penetrates well into the pores of the concrete. After 3 to 4 hours maximum proceed with the second, thicker coat to cover.

## PRODUCT SPECIFICATIONS:

| | | |
|---|---|---|
| **TYPE OF PRODUCT** | : Two-component; | |
| **APPEARANCE OF THE FILM** | : Semi-glossy | |
| **COLORS** | : On request | |
| **SPECIFIC WEIGHT Comp. (A)** | : 1,50 Kg/l (± 0,05) | |
| **SUPPLY VISCOSITY** | : 30″ (± 5) DIN 8 at 25 °C | |
| **DRY RESIDUE** | : 76% (± 2) | |
| **DRYING** (*) | : - *Dry dust-free* | : 30″ - 40″ |
| | - *Drying in depth* | : 24 - 36 hours at 20 °C. |
| | - *Forced Drying* | : 30″ - 40″ at 60 °C - 80 °C. |
| **RECOMMENDED LAYERS** | : Two coats | |
| **RECOMMENDED THICKNESS** | : 40 - 70 µm | |
| **THEORETICAL YIELD** | : 11 $m^2$/Lt or 8 $m^2$/Kg at 50 µm dry | |
| **POT-LIFE AT 20 °C (with** | : 8 hours. The pot-life decreases at higher temperatures | |

(*) Reference environmental conditions: Relative humidity 60% / 80% - Temp. +10 °C / +30 °C

## RECOATING:

With **CZ.105**: minimum 8 hours maximum 48 hours.

With **CZ.110**: minimum 3 hours maximum 36 hours.

**After 48 hours, light sanding of the film is recommended to ensure good adhesion of the top coat**.

## 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.*

**Rev.: 03/22**