

CICLO - MAS02

01-04-2011

# RESINOUS SCREED FOR FOOD INDUSTRY

Very High Build Resinous flooring.

## Preparation of the substrate

The Concrete Substrate must be solid, dry, levelled, absorbent, not polluted by oils, cleaners, dust or any other substance.

For new concrete substrate, the seasoning time must be respected.

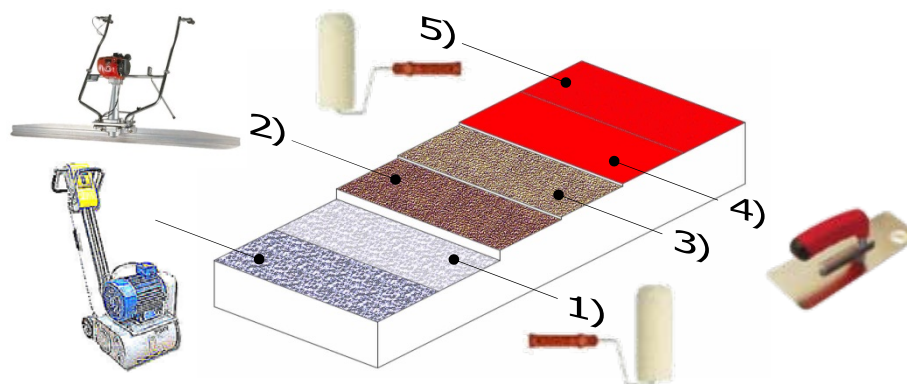
Verify the presence of a vapour barrier as the humidity from the ground has to be avoided. When not present, apply the surfaces with **ECOFONDO** (see Technical Data Sheet).

Choose the most convenient mechanical preparation: Abrasion or Shot-Blasting.

When the concrete substrate is old and contaminated, it is necessary to take away the top layer till a compact and porose surface is obtained.

## Application

1. Apply by roll one layer of **FLUIDEPOX** for a consumption of 0,500-0,800 kg/m<sup>2</sup>.
2. When still fresh, apply the coating done with **FLUIDEPOX** and **Quarzo** (mix 1 –mix 3), prepared in the mixing machine (with the ratio of 1 to 15) for a consumption of 10 kg/m<sup>2</sup> (0,65 kg/m<sup>2</sup> of FLUIDEPOX and 9,35 kg/m<sup>2</sup> of Quarzo). Compact using helicoptering device.
3. Fullfill the porosity with 0,700 kg/m<sup>2</sup> of **FLUIDEPOX**. Apply it with the american trowel.
4. Trimm the surface with **PAVIPLAST** added with **Quarzo B0** in the ratio of 1 to 0,8, for a consumption of 0,7 kg/m<sup>2</sup> (0,4 kg/m<sup>2</sup> of PAVIPLAST and 0,3 kg/m<sup>2</sup> of Quarzo). Apply it with the american trowel.
5. As final finish apply by roll a layer of the polyuretane **FINISOL COLORATO** for a consumption of around 0,200 kg /m<sup>2</sup>.
6. The joints must be cut and sealed with the poly-urethane elastomer **SIGILFLEX**
7. The final thickness of the coating is around 6,0 mm.



## Covings

Before applying the coating, it is possible to build up the coving as joint between the wall and the floor. For this operation, use the **PAVIRAPID**, leaving a curve of around 4 cm. The coving is then covered by the coating.

## Products

FLUIDEPOX A+B: low viscosity epoxy resin

PAVIPLAST A+B: self-levelling epoxy resin for high builds

FINISOL COLOR A+B: solventborne polyuretane aliphatic coating

SIGILFLEX: elastomer sealer

PAVIRAPID: fast drying epoxy mortar, to restore floors

