

CYCLE - AUT01

01-04-2011

## EPOXY SELF-LEVELLING

Self-levelling cycle, based on epoxy resin.

### 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.

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

As this is a non-transpirant cycle, verify the presence of a vapour barrier as humidity from ground up has to be avoided.

### Application

1. Apply by trowel, one layer of **FLUIDEPOX** mixed with **Quarzo B0** in the proportion of 1 to 1, for a consumption of around 0,7-1,0 kg/m<sup>2</sup>. On the still fresh product seed 0,3-0,5 Kg/m<sup>2</sup> of **Quarzo B1**.

Fill the expansion joints with **SIVITCOL** or **PAVIRAPID**.

2. Apply the self-levelling resin, distributing it equally with notched trowel and uniforming the surface with a spiked roller to take enable the de-airation. The Coating is prepared by mixing the two compounds of **PAVIPLAST** and by adding 1 to 0,8 of **Quarzo B0**.

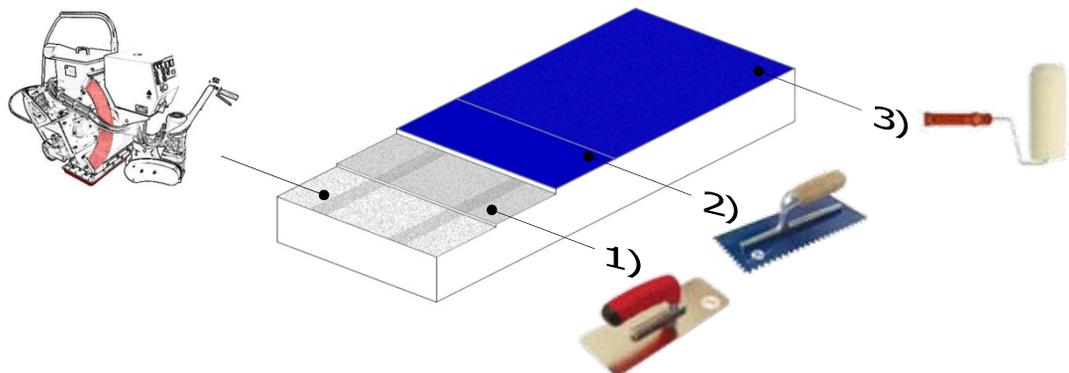
Consumption:

- o PAVIPLAST 1,8 kg/m<sup>2</sup>
- o Quarzo B0 1,44 kg/m<sup>2</sup>

3. If a less glossy and more bristly effect of the surface is required, apply by roll a top coating of **PAWIWATER** (of the colour required), diluted with 10% of water, for a consumption of 0,130 kg/m<sup>2</sup>.

4. The joints must be cut and sealed with the poly-urethane elastomer **SIGILFLEX**.

5. The final thickness of the resinous covering is around 3,0 mm.



### Products

FLUIDEPOX A+B: low viscosity epoxy resin

SIVITCOL A+B: epoxy plaster-glyce, easy to be used

PAVIRAPID A+B: fast drying epoxy mortar, to restore floors

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

PAWIWATER A+B: waterborne epoxy coating

SIGILFLEX: elastomer sealer

