

CYCLE – AUT08

01-04-2011

## FIRE RETARDANT SELF LEVELING

Self Leveling Cycle with Fire resistance class BFL-S1 .

### 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-breathable cycle, verify the presence of a vapor barrier as humidity from the ground-up has to be avoided.

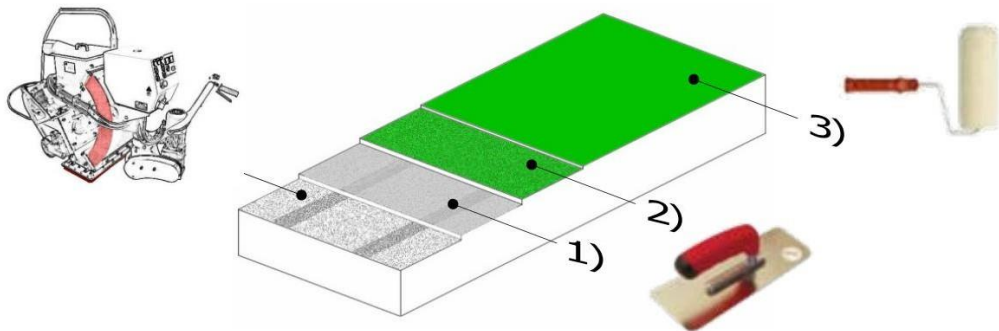
### Application

1. Smooth one layer of **FLUIDEPOX FIRE RETARDANT** 0.6 kg/m<sup>2</sup>, additivated with 20% of **Quartz B0**.
2. Apply the self-levelling resin based upon **PAVIPLAST FIRE RETARDANT** for a consumption of approx. 3.3 kg/m<sup>2</sup>, distributing it equally with notched trowel and unifying the surface with a spiked roller to enable the de-aeration.

3. Apply by roller a layer of the Protective Top Coating **FINISOL COLOR**, for a consumption of 0.130 kg/m<sup>2</sup>.

4. Proceed by cutting and sealing the joints with **SIGILFLEX**.

The final thickness of the coating is around approx. 3 mm.



### Products

**FLUIDEPOX FIRE RETARDANT A+B+C**: low viscosity fire retardant epoxy resin

**PAVIPLAST FIRE RETARDANT A+B+C**: self-levelling fire retardant epoxy resin for high builds

**FINISOL COLOR A+B**: Solventborne polyurethane aliphatic coating

**SIGILFLEX**: elastomer sealer

