

# POLYURETHANE-CEMENT SELF-LEVELING

## SELF-LEVELLING CYCLE, BASED ON POLYURETHANE-CEMENT RESIN

### SUBSTRATE PREPARATION

Concrete substrates must be solid, dry, level, absorbent, not polluted by oils, detergents, dust or other substances. Furthermore, there must be no rising damp

For newly made screeds, the normal curing time must be respected.

Mechanical preparation of the surface by shot peening or sanding. Execution of reinforcement edges along the perimeter, passage areas, channels and around bases and machinery.

### APPLICATION

- 1 • Apply a layer of **FLUIDEPOX**, loaded 1 to 1 with **Quartz B0**, for a **FLUIDEPOX** consumption of approximately 0.35-0.5 kg/m<sup>2</sup>.

On the still fresh product, sow 0.3-0.5 Kg/m<sup>2</sup> of **Quartz B1**.

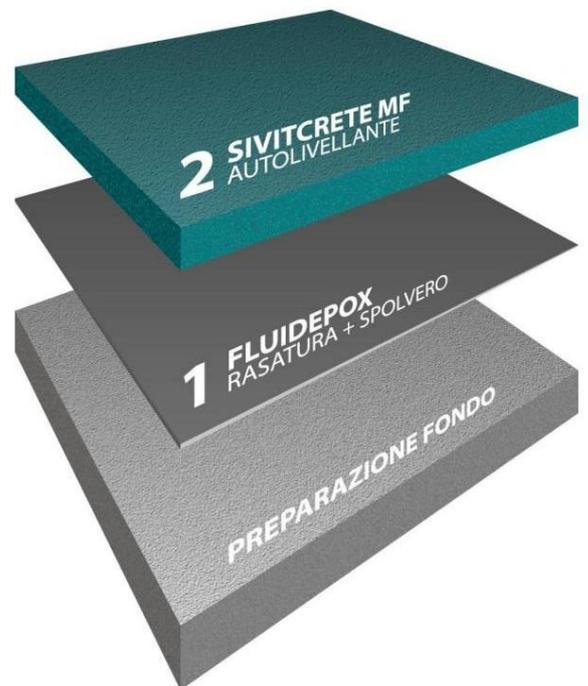
- 2 • Pour the **SIVITCRETE MF** self-levelling mortar distributing with a toothed or smooth rake and leveling the surface with a bubble-breaking roller.

The mortar is prepared by initially combining base and hardener and then pigment and aggregates, as reported on the technical data sheet.

Consumption for 3 mm of thickness is 6 kg/m<sup>2</sup>, while for 4 mm it is 8 kg/m<sup>2</sup>.

- 3 • Proceed to cut the covering at the concrete joints and seal with **SIGILFLEX polyurethane elastomer**.

The resulting thickness of the coating varies from 3 to 4 mm.



### PRODUCTS

**FLUIDEPOX A+B** • transparent epoxy formulation, solvent-free

**Quartz B0/B1** • resinated spherical quartz

**SIGILFLEX** • elastomeric sealant

**SIVITCRETE MF A+B+C+D** • self-levelling polyurethane-cement mortar, colored

The above information corresponds to our best scientific and practical knowledge and does not imply for Sivit the assumption of guarantees and/or responsibility, as the conditions of use cannot be controlled by us. The buyer undertakes to verify the suitability of the products for the specific case.

**SIVIT SRL**  
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