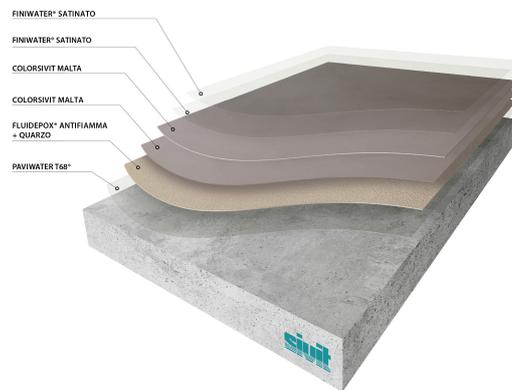


SYSTEM SIVIT DESIGN

DEC04

Epoxy Multilayer System with Bfl-s1 Fire Reaction Rating

Trowel-applied system on tiled floors, with or without moisture, based on epoxy resins and finished with a polyurethane topcoat.



Substrate Preparation

The tiled substrate must be solid, level, absorbent, and free from contamination such as oils, detergents, dust, or other substances.

The system provides a vapor barrier function.

Grind the surface with an orbital machine using Vidiam abrasive tools until the ceramic surface becomes matte.

Perform thorough dust extraction using industrial vacuum cleaners.

Remove any loose parts and restore missing volumes with **PAVIRAPID**.

Application

1. Apply a first smoothing coat of **ECOFONDO PLUS FIBRATO** with a smooth trowel at a consumption of 1.0 kg/m².
2. Apply a second smoothing coat of **ECOFONDO PLUS FIBRATO** with a smooth trowel at a consumption of 1.0 kg/m².
3. Apply a smoothing coat of **FLUIDEPOX** loaded 50% with **QUARZO B1**, at a consumption between 0.25 and 0.40 kg/m².
While the product is still fresh, broadcast **QUARZO B1** at a rate of 2–3 kg/m², taking care to remove any excess unbound quartz the following day.
4. Apply a smoothing coat of **COLORSIVIT MALTA** with a smooth trowel, at a consumption of 1.2 kg/m².
5. Apply another smoothing coat of **COLORSIVIT MALTA** with a smooth trowel, at a consumption of 0.5–0.6 kg/m², or alternatively **COLORSIVIT MALTA FINE** at 0.3–0.4 kg/m², depending on the desired surface texture.
6. Apply a first coat of transparent protective finish **FINIWATER TOP** by roller, at a consumption of 0.10–0.125 kg/m².
7. Apply a second coat of transparent protective finish by roller, using either **FINIWATER** or **FINISOL**, in gloss, satin, or matte finish according to the required gloss level, at a consumption of 0.10–0.125 kg/m².

Note. To achieve the declared fire reaction performance, the specified consumption rates in the application cycle must be strictly followed. The finished system thickness is binding and must not fall below the minimum required value.

Used products

FLUIDEPOX® ANTIFIAMMA A+B+C

Low viscosity epoxy product

COLORSIVIT MALTA A+B

Waterborne epoxy mortar

FINIWATER® SATINATO A+B

PAWIWATER® T68 A+B

Waterborne transparent epoxy product

The above information corresponds to our best scientific and practical knowledge and does not imply any guarantees and/or liability for Sivit, as the conditions of use are beyond our control. The purchaser is responsible for verifying the suitability of the products for the specific case.

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Sistema di gestione conforme alle ISO 9001:2015 – ISO 14001:2015 – ISO 45001:2018

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