

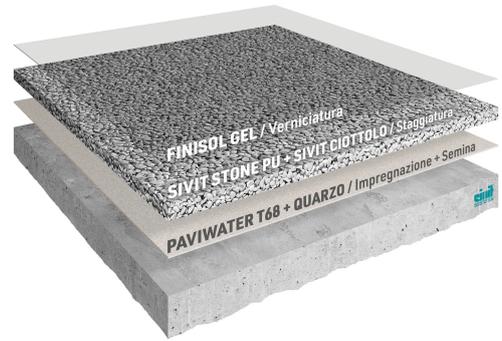
SYSTEM SCREED

MAS05

Walkable Draining Screed

Pedestrian-Grade Drainage Screed

A screed based on **aliphatic, non-yellowing polyurea resins**, combined with **colored pebbles**.



Preliminary Check and Mechanical Surface Preparation

- Verify that adequate slopes are present to ensure proper drainage of the pavement.
- Concrete substrates must be solid, level, absorbent, and free from oils, detergents, dust, or other contaminants. For newly cast screeds, allow for standard curing times.
- Clean all existing joints, which must be reopened and sealed once the pavement is finished.
- Mechanically prepare the surface using an orbital grinder equipped with diamond abrasive tools, followed by thorough dust removal with an industrial vacuum.
- Mark the area to be coated using perforated profiles with a height equal to the desired final thickness.
- Highly absorbent or powdery surfaces should first be treated with a roller-applied layer of PAVIWATER T68 diluted 1:3 by weight with water, at a consumption of approximately 0.05 kg/m².

Application

1. PRIMER / IMPREGNATION + BROADCAST

Apply a layer of **PAWIWATER T68® (A+B)** with a roller at a consumption of 0.20 kg/m² (variable depending on substrate absorption), diluted 1:0.5 by weight with water.

Broadcast **QUARZO RESINATO B1** while still wet, at a rate of 1.50 kg/m². Remove any excess once cured.

2. BODY / SCREEDING

Prepare the mix by combining **SIVIT STONE** binder at 1.20 kg/m², a non-yellowing polyurea resin, with **SIVIT PEBBLE** at 20 kg/m² – washed and dried natural stone, grain size 2–4 mm. Use a ratio of 6% binder by weight of pebbles and 6% **QUARZO RESINATO B1** by weight of the pebbles.

Depending on the required setting time, choose **SIVIT STONE PU** (single-component) or **SIVIT STONE PU FAST** (resin + accelerator).

Mix in a concrete mixer for a few minutes until the aggregate is uniformly wet.

Spread the mixture with a trowel and screed. Use metal rods as guides for the screed, with a diameter equal to the desired thickness.

Compact and smooth the surface with a trowel, ensuring no voids or irregularities. To improve trowel flow, clean it with polyurethane solvent; do not use alcohol or water-based products.

3. FINISH / OPTIONAL COATING

To enhance surface mechanical properties, apply a transparent polyurethane protective layer **FINISOL® GEL (A+B)** with a roller at 0.3–0.4 kg/m².

To maintain anti-slip properties, incorporate 10% **QUARZO RESINATO B1**.

4. JOINT SEALING

Reopen concrete substrate joints using a diamond blade cutter and seal with **SIGILFLEX® MS** silane elastomer at 0.05–0.06 l/m (for a 6 mm joint).

Curing Time • Full-depth hardening: 7 days

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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Used products

SIVIT STONE PU FAST A+B

FINISOL® GEL A+B

Transparent two-component solvent-based polyurethane gel (a+b)

SIVIT STONE PU

PAVIWATER® T68 A+B

Waterborne transparent epoxy product

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