



## SELF LEVEL FLOORING

LEVELLING AND PREPARING SUBSTRATE SURFACES FOR FLOORING INSTALLATION

DATA SHEET UPDATED 23/07/2024

b

### Product information

SUPRIMO SELF LEVEL FLOORING is engineered to create smooth, even surfaces on a range of substrates.

It is also recommended for leveling mineral substrates with height differences ranging from 2 to 20 mm. It should not be used on anhydrite (gypsum) bases.

- + Layer thickness: 2-20 mm
- + Reinforced with fibers
- + Suitable for old bases
- + Compatible with underfloor heating
- + Crack-resistant
- + For indoor

### Recommended uses

- Concrete, including old mosaic floors, cement-sand screeds, including heated ones
- Old tiles, old screeds with surface cracks (with an opening width of up to 0.3 mm), dry screeds (OSB, CPB, GVL, CHIPBOARD, etc.).
- Carpet and PVC flooring
- Cork floors
- Laminate floors
- Parquet boards
- For cladding various types of tiles (ceramic tiles, natural and artificial stone slabs, etc.).

### Coverage

1.6-1.7 kg/m<sup>2</sup> per 1 mm thickness

### Application instructions

#### Surface preparation

The substrate must be dry, strong, stable, and free from dust, lime, oils, grease, old paint, and other contaminants that may affect adhesion. Cement screeds should have a compressive strength of at least 15 MPa (after 28 days), and concrete bases should have a compressive strength of at least 20 MPa (after 3 months) with a moisture content of no more than 4%. Seal any holes and leaks with SUPRIMO FLOORING EXTRA COAT. Remove any weak or peeling top layers by grinding or milling. To determine the required thickness of the self-levelling layer, check the evenness of the base. Before applying the levelling layer, install an 8–10 mm wide damp-proof tape around the perimeter of walls, columns, and other vertical surfaces to accommodate linear deformations. Treat the surface with SUPRIMO FLOORING EXTRA COAT before applying SUPRIMO SELF LEVEL FLOORING. For highly absorbent substrates, apply multiple coats. Allow a 30-minute technological break after priming

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with SUPRIMO FLOORING EXTRA COAT. Wood-containing boards (OSB, cement particle board, chipboard, etc.) must be stable, durable, and treated with SUPRIMO FLOORING EXTRA COAT. Fill gaps and cracks larger than 1 mm with appropriate wood filler. When applying to wooden bases, reinforce the mixture with a mesh (2.5–3 mm in diameter with 75 mm cell size), with a minimum application thickness of 12 mm. The reinforcement mesh should overlap by at least 50 mm. When installing warm electric floors in the self-levelling layer, ensure a minimum thickness of 5 mm above the wires. If applying over existing self-levelling or mosaic floors, the base must be milled. For multi-layer applications, sand, remove dust, and re-prime each previous layer.

### Product preparation

Gradually add the dry mixture to clean, impurity-free water (temperature +10 to +25 °C) and mix thoroughly with a mixer (600–800 rpm) using a basket-type attachment (with vertical blades) until a homogeneous, lump-free mixture is obtained. Mix again after 4–5 minutes; the mixture is then ready for use. Do not overdose with water.

### Application

Pour the self-leveling compound manually onto the prepared base, starting from the wall farthest from the entrance. Spread the compound evenly using a metal-base squeegee or spatula, controlling the layer thickness. Do not add water to the compound that is starting to set. Use a needle roller in two perpendicular directions to remove air bubbles. Leveling should be continuous in a single room. When applying the self-leveling compound, replicate the temperature-shrinkage joints present in the base (the maximum permissible area without joints is 30 m<sup>2</sup>; for corridors, the joint interval should be no more than 6 m). Cut joints to the full thickness of the applied compound or at least 1/3 of its thickness.

### Important Notes

Protect the surface from direct sunlight, temperature changes, and drafts while the solution is setting. The ambient and base temperatures should be between +5 to +25 °C. Foot traffic is permitted after 6 hours. Further work is recommended only after the self-leveling compound has dried. The drying rate is 3 mm per day at an air temperature of +20 °C and relative humidity of 60%.

### Technical product data

Color	Grey
Water required for 25 kg	5.0–5.25 L
Water required per 1 kg	0.20–0.21 L

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Working time	20–25 min
Estimated consumption	1.7 kg/m <sup>2</sup> *1 mm
Layer thickness	2–20 mm
Strength grade	M200
Tensile strength in bending	Minimum 6 MPa
Adhesion	Minimum 1.2 MPa
Application temperature	+5 to +25 °C
Operating temperature	0 to +50 °C
Packaging / Quantity on pallet / Pallet weight	25 kg / 42 pcs / 1050 kg

### Warning

When using the composition, you should use personal protective equipment for breathing, skin, and eyes. In case of contact with eyes, rinse immediately with water and seek medical help. Observe additional fire safety measures not required.

### Storage

The product is guaranteed in its original packaging, in standard conditions (+5 °C a +35 °C or +41 °F to +95 °F), for 6 months from the date of production. It is important to keep the product in dry conditions, away from heat sources and direct sunlight.

### Disclaimer

Information described in this Technical Data Sheet are based upon our decades long experience but are indicative. Therefore, the user must evaluate if the product is suitable for its specific application and assumes responsibility for its use.