

## Egalisatiemassa VE50

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### Technical data

Basis	Cement
Consistency	Powder
Maturing time (stir)	Ca. 5 min
Application time	Ca. 20 min
Walkable after	Depending on the layer thickness after approx. 1 hour
Ready to use	PVC, carpet, rubber: after 3 hrs 29/01/2014 Linoleum, cork and parquet: after at least 24 hours.
Mixing ratio	Ca. 5,5 liter water/25 kg VE50
Consumption (*)	Ca. 1,6 kg/m <sup>2</sup> per mm layer thickness

(\*) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

### Product description

Egalisatiemassa VE50 is a cement based leveling compound with high polymer content and excellent self leveling properties.

### Properties

- low shrinkage and tension
- Excellent grip of the cured surface
- EC-1 label: very low emission
- Layer thickness from 1- 15mm
- Excellent self-levelling characteristics
- Short drying time

### Applications

- Suitable for the levelling of substrates in layer thicknesses up to 15 mm. After approx. 2 to 4 hours suitable for next operation. Because of his very short curing time, this product is extremely suitable for renovations or so-called Ready in one day applications.

### Packaging

Colour: grey

Packaging: 25 kg bag

### Shelf life

At least 6 months in original closed packaging in a dry storage place at temperatures between +5°C and +25°C.

### Substrates

The surface must be clean, dry, free of dust and grease and should have no loose layers of paint, wax, oil or other contaminations. Irregularities like rests of old adhesion can adversely affect the adhesion and should be removed mechanically by sanding or sand blasting. Old anhydrite subfloors have to be sanded and vacuum cleaned before applying the levelling compound. If necessary, absorbent mineral substrates need to be treated with Soudal WBPR-11P Surface primer prior to the levelling. Before levelling, sandy or powdery surfaces can be pre- treated (after consulting the Soudal technical service) with Soudal WBPR-21P Deep Primer. Non - absorbent substrates such as ceramic tiles, terrazzo and poured mastic asphalt can be levelled with self levelling compound VE50 without any prior primer application as long as they are clean and free of dust. It is however necessary to thoroughly clean the floor first with e.g. sodium hydroxide or another suitable detergent and afterwards rinse with pure water. Do not start levelling until the floor is completely dry. We recommend a preliminary compatibility test.

Remark: This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions beyond our control, no liability under this publication are accepted. In every case it is recommended to carry out preliminary experiments. Soudal reserves the right to modify products without prior notice.

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### Application method

*Application method:* Add Self - Levelling compound VE50 while mixing to the prescribed quantity of cold and clean water. Mix thoroughly by means of a variable speed electric drill with a mixing paddle attachment for at least 4 minutes until a homogeneous mixture is achieved. Let the mixed quantity of levelling compound rest for maximum 5 minutes and mix again. Pour the levelling compound over the floor and spread it with a levelling trowel or rake. If necessary, a second layer of levelling compound can be applied after the first one is ready for traffic. If you wait longer, the use of Soudal WBPR-11 is advisable.

*Cleaning:* Before curing, Egalisatiemassa VE50 can be removed with water from tiles and tools. Cured Egalisatiemassa VE50 can only be removed mechanically.

### Health- and Safety Recommendations

Take the usual labour hygiene into account. Wear gloves. Consult label and material safety data sheet for more information.

### Remarks

- Do not apply at temperatures below 5°C or above 30°C.
- Minimum temperature of the substrate should be at least 5°C.
- Avoid direct sun exposure and draught during the curing process of the selfleveling layer.
- Do not mix Egalisatiemassa VE50 with other products than water (cement, sand or other components).

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