

Pour & Level Self Levelling Compound

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Technical data

Basis	Cementitious
Flow / work time	10 mins @ 20°C
Initial Set Time	2 hours @ 20°C
Ready for floor coverings	24 hours for 5mm @ 20°C
Compressive Strength	1 day- 6.9 MPa 7 days - 22.8 MPa 28 days - 39.8 MPa
Thickness	Feather edge to maximum of 50mm
Application temperature	5 °C --- 35 °C
Temperature resistance once fully cured	-20 °C --- 80 °C



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

Product description

Pour & Level is an internal and external self-levelling cementitious underlayment, specifically formulated for preparation of concrete sub-floors prior to the laying of floor coverings. The specially selected cements and polymers contained in Pour & Level produces a fast setting underlayment with exceptional adhesion to most flooring materials.

Properties

- Fast setting
- Self-smoothing
- Internal & external
- Feather edge to 50mm thick
- Covers 12m² at 1mm thick

Preparation

Ensure all concrete slabs are allowed to cure for at least 7 days and must be free of oil, grease, wax, curing compounds, dust, old adhesive and any other contaminations, which may inhibit bond. Diamond grinding, shot blasting or scarifying is the preferred method of preparation for large areas to remove any contamination.

Note - Concrete floors must be dry in accordance with A.S. 1884 - 1985. A 70% relative humidity maximum. Where temperatures less than 10°C or greater than 35°C, contact your nearest Soudal office of any additional advice. For porous cement, prime with Soudaprim DP to ensure good adhesion and reduce air release from substrate,

which causes bubbling of the underlayment. Very absorbent concrete may require a second coat of Soudaprim DP. When applying Soudaprim DP onto surface it is recommended to firstly pour some primer in a section then spread the primer using a broom, brush or roller, see technical data sheet for more info. Then continue this method of application until the entire area is primed.

Note: this method of application ensures a thorough coat of Soudaprim DP on the surface. Allow the primer to dry for approximately 5 to 10 minutes at 20°C prior to applying Pour & Level.

Mixing

The mixing ratio of Pour & Level is 20 kg powder to 5 Litres of water. Pour 5 Litres of clean water into a drum and then gradually add the Pour & Level while mixing continuously, using a drill and suitable paddle, until a lump free mix is obtained. Always add powder to liquid.

Note - Do not over water as this will promote bleed and separation with a reduction in bond, tensile and compressive strength. Pour & Level is ready to apply. Once all powder added, mix for a further 2 minutes.

Application

Apply Pour & Level to the primed substrate using a screed bar or trowel to give the required thickness. Maximum thickness applied in any one application can be up to 50mm. Pour & Level has a working time of approximately 10 minutes. Do not attempt to rework material after 10 minutes.

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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Coverage

A 20kg bag will cover approximately 12 m² @ 1 mm thick or 4m² @ approx. 3 mm thick depending on texture of substrate.

Packaging

Colour: Grey

Packaging: 20kg bag

Shelf life

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

Health- and Safety Recommendations

Take the usual labour hygiene into account. For more information, see Material Safety Data Sheet.

Remarks

Hazardous, contains cement silica. Wear gloves and mask when handling. Wash hands thoroughly after use. Material safety data sheets are available upon request.

Manual Handling

Manual handling of this bag without due care and attention may result in personal injury.

Clean up

Clean all equipment with water immediately after use, and before Pour & Level sets.

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