

LEVELR SUPERFLOW

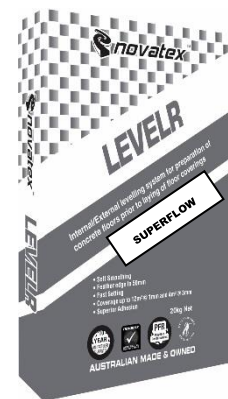
FAST SETTING SELF LEVELLING SYSTEM

TECHNICAL DATA SHEET

LEVELR SUPERFLOW is an internal and external levelling system specially formulated for the preparation of concrete floors prior to the laying of floor coverings.

LEVELR SUPERFLOW is formulated as a fast setting underlayment suitable for most floor materials, with superior flow characteristics to a feather edge finish.

- **High performance**
- **Superior Self-smoothing**
- **Feather edge to 15mm**
- **Underlay**
- **Fast setting with specifically selected cements and polymers**
- **Superior Adhesion to Concrete Surfaces**
- **Pumpable**



Low VOC content- meets Green Building Council of Australia Green Star IEQ-13 requirements.

novatex
new generation building products

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LEVELR SUPERFLOW

FAST SETTING INTERNAL/EXTERNAL LEVELLING SYSTEM

Characteristics

LEVELR SUPERFLOW is an internal and external 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 LEVELR SUPERFLOW produces a fast setting underlayment with exceptional adhesion to most flooring materials.

Preparation

Ensure all concrete slabs are allowed to cure for at least 28 days and must be free of oil, paint, 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 -2012. Concrete slabs containing moisture must be treated with Novatex Hydroprime prior to levelling. Where temperatures less than 10°C or greater than 35°C, contact your nearest Novatex office of any additional advice.

For porous concrete, prime with Nova Prime 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 Nova Prime. When applying Nova Prime onto surface it is recommended to firstly pour some primer in a section then spread the primer using a broom, brush or roller. Then continue this method of application until the entire area is primed. Allow primer to be absorbed. After 10 minutes remove any excess with a dry rag.

Note: this method of application ensures a thorough coat of Nova Prime on the surface. Allow the primer to dry for approximately 1 hour at 20°C prior to applying LEVELR SUPERFLOW.

Non-porous floors such as ceramic tiles, terrazzo or burnished concrete floors should be primed using Optimus Primer.

Mixing

The mixing ratio of LEVELR SUPERFLOW is 20 kg powder to 5 Litres of water. Pour 5 Litres of clean water into a drum and then gradually add the LEVELR SUPERFLOW 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.

LEVELR SUPERFLOW is ready to apply. Once all powder added, mix for a further 2 minutes.

Application

Pour LEVELR SUPERFLOW onto the primed substrate and use a levelling rake to produce the correct depth. Pour and level in 5 – 10 minutes and then leave the LEVELR SUPERFLOW to dry. If more than one coat is needed, allow to dry for at least 12 hours and then prime and repeat application. Maximum thickness applied in any one application can be up to 15mm. LEVELR SUPERFLOW has a working time of approximately 10 minutes. Do not attempt to rework material after 10 minutes. Not to be used in immersed situations like swimming pools/spas etc.

Coverage

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



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Packaging

LEVELR SUPERFLOW 20 Kg paper bags

Shelf Life

A bag of LEVELR SUPERFLOW, when stored in a cool, dry environment and stored above ground level will have a shelf life of 12 months.

Clean up

Clean all equipment with water immediately after use, and before LEVELR SUPERFLOW sets.

Precautions

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.

Technical Data

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|---------------------------|---|
| Flow / work time | 10 minutes @ 20°C |
| Initial Set Times | 2 hours @ 20°C |
| Ready for floor coverings | 24 hrs @ 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 15mm. |

Contact Us

For further technical information, please contact Novatex Products on 02 9757 3525.



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