



Floor Leveller

Levelling Compound 1-25mm

Westbuild 8kg Floor Leveller is a ready to use, rapid drying floor levelling compound. Floor Leveller is a free-flowing and self-smoothing underlay suitable for floor preparation prior to the installation of most type of floor coverings such as ceramic tile, vinyl or carpet.

Floor Leveller has been formulated for highly efficient placement, creating a smooth flat surface for depths 1-25mm in a single application

Floor Leveller has a higher finished strength than typical concrete.

Advantages

Formulated for highly efficient placement, creating a smooth flat surface

Designed for depths of 1-25mm in a single application

Highly modified for maximum flow without any shrinkage or cracking

Accepts foot traffic within 2 hours at 20°C

Residential, commercial and medium industrial application

Convenient 'Bag in a Bucket'



Bag in a Bucket

Product Attributes

Uses

- Recommended For*
- Underlayment for floor coverings such as carpet, ceramic tiles, etc.
 - Levelling existing uneven concrete floors.
 - New construction and refurbishment projects.
 - Fast repairs of uneven concrete floors.
 - Residential, commercial and medium industrial application.
 - Application thickness of 1-25mm in a single application.
 - Flat smooth surfaces over existing concrete slabs.
- For more information on suitable uses or uses that are not listed above, please contact a Westbuild representative.

Performance Residential, commercial and medium industrial.



Packaging 8kg Westbuild Pail – Rainproof ‘Bag in a Bucket’.
Yield A 8kg bucket of Floor Leveller will yield approximately 5.2 litres.
Coverage

Thickness	Area (m ²) per 8kg
2mm	2.6 m ²
4mm	1.32 m ²
6mm	0.88 m ²
8mm	0.64 m ²
10mm	0.52 m ²

Shelf Life & Storage Westbuild Floor Leveller is packaged as a ‘bag in a bucket’ and has an extended shelf life. The product can be stored outdoors in the original, unopened packaging.

Technical Data

Setting Times

Initial set	20°C	50 minutes
	30°C	35 – 40 minutes
Final set	20°C	60 minutes
	30°C	45 – 50 minutes

Traffic Time

Foot Traffic	2 Hours
Vehicle Traffic	12 Hours
Time to cover with floor covering (overlay)	<10mm 12 – 18 Hours >10mm 24 Hours
Check Moisture Content	Max 5.5% prior to installation

Typical setting times at 20°C

Compressive Strength

Age	Compressive Strength
1 day	10 - 15 MPa
28 days	25 - 35 MPa

Tested in accordance with AS1012.9 at 20°C and AS2073

Typical Flowability

Flow	200 – 300mm
------	-------------

Tested in accordance to BS890 flow cone at 20°C

Typical Bond Strength

Age	Bond Strength
28 days	>5 MPa

Tested in accordance to ASTM C882



Installation

Surface Preparation

Ensure the concrete substrate is clean and free from oil, grease, sealers, curing compounds, polymer coatings, dust and any other foreign (bond breaking) matter. Large cracks or holes may be filled with equal parts of Floor Leveller and clean fine sand made up to a trowellable consistency.

Ensure the substrate is primed using a general purpose primer prior to carrying out the application. New concrete must be at least 14 days old, with less than 5.5% moisture content.

Priming

Surfaces must be primed with a general purpose primer using a brush, broom or roller. Do not apply Floor Leveller to unprimed surfaces. The primer needs to be completely dry before the application of Floor Leveller. Enough primer must be applied to result in a low-sheen finish, indicating the porous concrete is properly primed.

Mixing

Floor Leveller requires 1 – 1.55 litres of clean, potable water. Always add powder to pre-measured water ensuring the product is being mixed during the addition of powder. Once the powder is entirely added, further mix for 2-3 minutes until a smooth consistency is achieved. It is essential to ensure a lump free mortar.

Do not mix by hand. **Do not** add excess water.

Consistency	Trowelable	Flowable
Water Requirement	+1 litres	1.35 – 1.55 litres

Maximum water requirement per 8kg bucket is 1.45 litres

Application

To ensure uniform consistency and continuous flow, it is recommended to have subsequent mixes ready for continuous application

Placement

Pour the mixed product onto the correctly prepared and primed concrete surface. Allow Floor Leveller to find its own level. The material can now be spread with a steel trowel, spreader or squeegee. Do not rework the material after 10 minutes since the initial application. The finished area needs to be protected from traffic until Floor Leveller has dried.

For automatic pump application, contact Westbuild for further advice.

Application Thickness

Minimum:	1mm
Maximum:	25mm

For thickness greater than 25mm, please consult Westbuild for further instruction.



Attention

Floor Leveller is not suitable where occasional or permanent wetting or where hydrostatic pressure is likely.

Ensure Floor Leveller does not dry too rapidly by protecting Floor Leveller from direct sunlight and drying winds during application and while curing.

Do not apply Floor Leveller to unprimed surfaces.

Floor Leveller is shrinkage compensated however it is not flexible. Reflective cracking will occur if the substrate on which it is placed is subject to movement or cracking.

Floor Leveller is not designed as a wearing course or as a water proofing agent and should only be used as an underlayment.

Depending on finished thickness and temperature, Floor Leveller can be covered with flooring materials in 24 hours.

Concrete substrates should be checked for moisture levels before the application of Floor Leveller.

New concrete should be at least 21 days old before the application of Floor Leveller.

Risk

All cement-based products are alkaline and can cause irritation. This product is considered hazardous according to criteria of Work Safe Australia. A dust mask should be worn when handling the material. Continuous or extended contact with this product may cause irritation, as well as respiratory issues such as bronchitis or silicosis. Contact with the eyes and repeated and prolonged skin contact should be avoided.

Safety Precautions

A dust mask should be worn when handling the material. Contact with the eyes and repeated and prolonged skin contact should be avoided.

Technical/Safety Data

TECHNICAL DATA SHEETS (TDS) AND SAFETY DATA SHEETS (SDS) are available on request and should always be referenced before handling this product and before the commencement of any works. A Westbuild representative is always available should you require further information. Visit our website for further information on the use of this product and suitability for your application.

Guarantee

WESTBUILD Products Pty Ltd guarantees this product for 10 years after the project completion date subject to terms and conditions. The product must be used for the purpose intended and all tiling works must be to the applicable Australian standards at the time of use. Please refer to WESTBUILD'S full guarantee documentation available on request.



Related Products

Westbuild PRO™ Flexible Additive Fortifier & Primer
Westbuild PRO™ Wet Area Waterproofing
Westbuild Level It™ 20kg

It is the responsibility of the user to ensure that products are used in accordance with the Westbuild Products Pty Ltd instructions for use, and Australian Standard procedures in applications for which they are intended. Westbuild Products Pty Ltd and its associated companies cannot guarantee and are not liable for the use of their products outside of Australian Standards guidelines and the Westbuild Products Pty Ltd instructions for use. The technical details and recommendations contained in this data sheet are given in good faith and represent the best of our knowledge at time of printing. Freedom from patent restrictions should not be assumed.

WESTBUILD CONTACT DETAILS
PHONE: 08 9309 2029
Email: technical@westbuildgroup.com