



LEVELFAST

Undertile Levelling Compound

- **Tile over in 2-3 hours**
- **Grey**
- **Internal & External floors**
- **Australian Made**

DESCRIPTION

ABA Levelfast is a cement based underlay for levelling uneven floors prior to tiling in internal and external applications. ABA Levelfast can be used as a non decorative wear surface in areas of light traffic.

FOR USE WITH

ABA Levelfast is compatible with subsequent applications of ABA tile adhesives and undertile waterproofing membranes. Not recommended for use under vinyl coverings.

SUBSTRATE PREPARATION

Concrete should be clean, sound and free from all contaminating materials, e.g. paint, wax, curing compounds and oil. New concrete should be at least 4 weeks old. Remove laitance by mechanical means, followed by vacuuming to ensure removal of all loose particles.

For use on new concrete less than 4 weeks old ABA Levelfast can be used in situations where RH is <90% and falling and the surface is primed with ABA Abaprime.

On ground concrete slabs must be protected against rising damp. For example a plastic sheet below the concrete, or a moisture barrier such as ARDEX WPM300 (two coat system) onto the concrete with sand broadcast over the second coat required.

Prime the prepared concrete surface with ABA Abaprime or ARDEX Multiprime using a brush or soft broom. Allow primer to touch dry prior to application of the levelling compound. If the substrate is extremely porous, 2 coats of primer may be required to prevent the formation of bubbles or pinholes in the ABA Levelfast. Allow the first coat of primer to dry prior to the application of the second coat.

External or internal wet area applications should be primed with ARDEX WPM 300 and broadcast sand. Apply one coat of ARDEX WPM 300 by roller at 3m²/litre. Whilst ARDEX WPM 300 is still wet broadcast 0.5mm clean dry sand over the surface at ~700g/m². Cure overnight and broom and vacuum excess sand off. Apply smoothing cement.

MIXING

The amount of water used when mixing is critical. Ensure that the exact amount is used.

The product should be used (poured and spread) within 10 minutes of mixing at 23°C. Do not mix more product than can be used within this time. Higher temperatures will reduce the workability. Ensure subsequent mixes are ready to enable continuous pouring.

Use 4 litres of clean water per 20kg bag of ABA Levelfast powder. Pour the powder slowly into a clean bucket containing the water while continually mixing with a heavy-duty mechanical paddle mixer. Mix for

approximately 2 to 3 minutes to achieve a smooth, lump free mixture. Do not aerate the mix by over stirring.

All tools should be cleaned with water immediately after use.

APPLICATION

Pour the mixed ABA Levelfast onto the prepared subfloor. Spread in place using a stand-up spreader or hand trowel. Use a gauging tool with height adjustment to obtain an even thickness. Do not rework the ABA Levelfast after 10 minutes working time.

Incorporate movement joints using AS3958 as a guideline. Bring the all existing movement joints through to the tile surface.

Do not apply ABA Levelfast in temperatures below 10°C or above 35°C. Protect the application of ABA Levelfast from sunlight and wind until the material has set.

OTHER HIGH STRESS LOCATIONS

In high stress locations such as those prone to vibration or extremes of temperature and for underfloor heating, ABA Levelfast should be improved (adhesion and flexibility) with ARDEX Abalastic. In this situation firstly mix the 2.5L of ARDEX Abalastic with 2.5L of water in a bucket, then add 20kg of ABA Levelfast, mix normally. The flow, working and curing properties all remain the same.

THICKNESS

ABA Levelfast can be applied from 2mm – 20mm in one application.

For thicknesses over 20mm aggregate can be used to bulk out the product to a maximum of 30mm. Add 20kg of ABA Levelfast powder to 3.7L of water and mix for approximately 1 minute, then add 20kg of clean, dry, 2-5mm aggregate and mix for a further 2 minutes. After mixing with aggregate the flowing characteristics will be reduced.

DRYING TIME

ABA Levelfast is walkable in generally 2-3 hours at 23°C and 50% relative humidity. Climatic conditions will affect drying times, allow longer for lower temperatures or high relative humidity. Tiling may begin once walkable.

COVERAGE

Approximately 1.6kg powder/mm². A 20kg bag of ABA Levelfast will cover approximately 6m² at 2mm thickness.

PACKAGING

ABA Levelfast is packed in polylined paper sacks – net weight 20kg

SHELF LIFE

ABA Levelfast has a shelf life of 12 months when stored in the original unopened packaging, in a dry place at 23°C and 50% relative humidity.

Store away from direct sunlight.

SAFETY DATA

This product may cause irritation and an allergic reaction to the skin. It may cause serious eye injury and irritation to the respiratory system. In case of contact with the eyes rinse with running water until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Wear protective gloves, clothing, eye and face protection. Avoid inhaling dust/fumes/gas/mist/vapours/spray. Ensure adequate ventilation during mixing and application. Store locked up. Check with your local Council regarding the disposal of contents, dispose of packaging thoughtfully and recycle where possible.



Keep out of the reach of children. Call the Poisons Information Centre on 131 126 (AUS) and 0800 764 766 (NZ) or call a doctor if you feel unwell. Additional information is in the Safety Data Sheet (SDS) at www.abaaustralia.com.au

TECHNICAL DATA

Appearance: Grey Powder
Coverage: Approx 1.6kg powder/mm/m²

Compressive strength:

1 day	10.0 MPa
7 days	20.0 MPa
28 days	30.0 MPa

Tensile bending strength:

1 day	3.0 MPa
7 days	5.0 MPa
28 days	8.0 MPa

PRODUCT GUARANTEE



Ardex Australia Pty Ltd (“we” or “us”) guarantees this product (also referred to as “our goods”) is free from manufacturing defects and will perform to any applicable specification published by us for 15 years from the date of application of the product if such application occurs within this

product’s specified shelf life. Our liability under this guarantee is limited at our option to replacement of the product, repair of any damage to the immediate surface or area of application of the product, or the cost of such replacement or repair, in each case if we are satisfied loss or damage was due to a breach of this guarantee. This guarantee does not apply if damage or loss is due to failure to follow our published instructions or any act or circumstance beyond our control, including shade variations and efflorescence and faulty workmanship on the part of any installer or applicator of the product. If you wish to make a claim under this guarantee you must notify us (address: 7/20 Powers Road Seven Hills NSW 2147; phone: 1800224070; email: technicalservices@ardexaustralia.com), identify the product and provide evidence of your purchase and the subsequent application of the product within 30 days of any alleged loss or damage occurring. We reserve the right to ask you for satisfactory evidence of any alleged loss or damage and to undertake any inspections and tests necessary to establish your rights under this guarantee. Any claim under this guarantee is at your cost. This guarantee is in addition to any rights or remedies you may have as a “consumer” under the Australian Consumer Law and to that extent you need to be aware that: “Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure”.

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