



ARDIT FLOOR LEVELLER

DUNLOP ARDIT FLOOR LEVELLER is a high quality levelling cement with superior qualities of flow and workability. Suitable for indoor use and under covered areas outdoors. DUNLOP ARDIT FLOOR LEVELLER is used prior to the installation of most types of floor coverings including ceramic tiles, direct stick timber, carpet and vinyl.



SUBSTRATES

DUNLOP ARDIT FLOOR LEVELLER is suitable for use over concrete surfaces.

SURFACE PREPARATION

Concrete floors must be solid, clean and free of wax, grease, asphalt, latex compounds, curing and sealing compounds and any other surface contaminant. Mechanically prepare the floor using recommended preparation methods such as shot blasting, scarifying, diamond grinding, shaving or other suitable methods to provide a roughened, clean, sound, solid and open porous surface.

Acid etching is not an acceptable method of cleaning the subfloor. Do not use solvents or sweeping compounds. Subfloors must be dry (AS 1884-2012) and properly primed for successful installation. Application temperature must be a minimum of 10°C and a maximum of 35°C

Ensure the project area will have adequate falls to drainage with no ponding water.

PRIMING

Use DUNLOP PRIMER & ADDITIVE or DUNLOP MULTIPURPOSE PRIMER over standard concrete floors prior to the installation of DUNLOP ARDIT FLOOR LEVELLER. Mix one part primer with 2 parts water and apply evenly using a push broom. Do not use paint rollers, mops or spray equipment. Do not leave any bare spots. Brush off all puddles of excess primer. Allow to dry to a thin, clear film (min. 3 hours, max. 24 hours).

Low sub-floor temperatures and or high ambient humidity requires longer drying time for the primer. Do not install DUNLOP ARDIT FLOOR LEVELLER until the primer has dried thoroughly.

MIXING

DUNLOP ARDIT FLOOR LEVELLER reacts and hardens quickly when mixed with water. Thorough mixing in the shortest possible time is essential to ensure a lump free mortar. Always mix the powder into the water. The most efficient method of mixing is by using a mixing paddle and a heavy duty electric drill (650rpm). Concrete mixers and hand mixing are not suitable methods of mixing. To 4.5 litres of water, add the DUNLOP ARDIT FLOOR LEVELLER (20kg) whilst mixing thoroughly and mixed for between 2-3 minutes. **DO NOT OVER WATER.**

APPLICATION

Pour the mixed DUNLOP ARDIT FLOOR LEVELLER onto the prepared sub-floor. Wear football boots with rubber or nylon studs to avoid leaving unnecessary marks in the liquid DUNLOP ARDIT FLOOR LEVELLER. Spread into place using a gauging rake with height adjustment to obtain an even thickness. Alternatively, use a flat trowel to spread into place ensuring the correct thickness is obtained at all times. Use a stand-up spreader for smoothing and where necessary use a hand trowel. Do not rework the material after 10 minutes.

DUNLOP ARDIT FLOOR LEVELLER can be applied from 1mm to 25mm in one application. Subsequent layers up to 25mm can be applied as long as each layer is first primed with DUNLOP PRIMER & ADDITIVE or DUNLOP PRIMER prior to applying the next layer.

BULKFILL

To increase economy, DUNLOP ARDIT FLOOR LEVELLER can be mixed with a well washed and dried 2-5mm aggregate for applications of 10mm to 50mm. Maximum ratio by weight of aggregate to DUNLOP ARDIT FLOOR LEVELLER powder should be 1:1.

First mix the DUNLOP ARDIT FLOOR LEVELLER powder with 4.2L of water, continue mixing while adding aggregate gradually until the aggregate is thoroughly and evenly mixed.

NOTE: Adding aggregate will modify the flow and consequently the smoothing and self-levelling properties of DUNLOP ARDIT FLOOR LEVELLER. Where required, use neat application of DUNLOP ARDIT FLOOR LEVELLER or skim with DUNLOP ARDIT FEATHER FINISH prior to installation of floor coverings.

DRYING TIME

Drying time is dependent on jobsite temperature, humidity, installation thickness and floor covering type. (Based on 23°C and 50% RH.)

Walkable from 2-3 hours. Suitable for tiling once walkable. Conventionally laid carpet, floating floors and direct stick applications such as vinyl flooring after 24 hours. It can also be used under direct stick timber flooring at a minimum of 3mm with an approximate drying time of 72 hours.

COVERAGE

Approximately 1.7kg powder/mm/m². A 20kg bag will cover approximately 4m² at 3mm thickness or 12m² at 1mm thickness.



ARDIT FLOOR LEVELLER

SHELF LIFE

12 months when stored in the original unopened packaging, in a dry place at 23°C and 50% relative humidity.

PRECAUTIONS

DUNLOP ARDIT FLOOR LEVELLER is not suitable as a wear surface and requires a floor covering. The leveller should not be subjected to water ingress or vehicular traffic i.e. driveways or garages. If using DUNLOP ARDIT FLOOR LEVELLER in internal wet areas the levelled area must be waterproofed using a suitable DUNLOP WATERPROOFING membrane.

If using DUNLOP ARDIT FLOOR LEVELLER in an external application, note that the area must be covered by a roof or awning. Where moisture is present, a hydrostatic membrane (DUNLOP DAMP PROOF) should be applied prior to the installation of the DUNLOP ARDIT FLOOR LEVELLER. Once installed, it is recommended that a waterproofing membrane (DUNLOP EXPRESS WET AREA or PRO RAPID) installed prior to floor coverings.

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. 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.dunloptrade.com.au.

10 YEAR 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 10 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: 10 Giba Drive, Kempas Creek NSW 2178; phone: 1800222841; 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 of 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".

DISCLAIMER

The technical details, recommendations and other information contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable Australian Standards. Our instructions and recommendations are only for the uses they are intended. Users are advised to confirm that this product is suitable for their application and conforms with the specifications of the system being employed and other products in that system. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program. Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may affect specific installation recommendations. The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them.

This datasheet was issued in March 2024 and is valid for 3 years, unless updated prior. Always refer to dunloptrade.com.au for the latest technical data from ARDEX Australia Pty Ltd.