LEVEL, BULK & SCREED

DUNLOP LEVEL, BULK & SCREED is a cement based compound used for levelling subfloors prior to the application of the floor finish. Designed with a coarse sand aggregate, it is ideal for installations requiring thick layers – up to 90mm, providing minimal flow for easy and efficient installations. This product can also be used as a fast set mortar when the water mixing ratio is reduced and is perfect for ramping applications being strong and suitable for heavy duty traffic.

PRODUCT ATTRIBUTES

Composition: Powder

Size: 20kg

SUBSTRATES

DUNLOP LEVEL, BULK & SCREED is designed for levelling and adjusting tolerances on internal concrete slabs. For timber floors use DUNLOP ARDIT TIMBER FLOOR LEVELLER or DUNLOP LEVEL-FLEX TIMBER FLOOR LEVELLER. For other substrates contact the Dunlop Technical Support team on 1800 222 841.

SUBSTRATE PREPARATION

Concrete floors must be solid, clean, and free of wax, grease, asphalt, latex, curing/sealing compounds, and other contaminants. Mechanically prepare the oor 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 suboor. Do not use solvents or sweeping compounds. Suboors must be dry (AS 1884) and properly primed for successful installation. Application temperature must be a minimum of 10C and a maximum of 35C.

SUBSTRATE PRIMING

Option 1: DUNLOP PRIMER & ADDITIVE

Use a broom to apply DUNLOP PRIMER & ADDITIVE evenly over standard concrete oors prior to the installation of DUNLOP LEVEL, BULK & SCREED. Use this primer undiluted at a rate of 4m² per litre. Do not use paint rollers, mops or spray equipment. Do not leave any bare spots. Brush off all puddles of excess primer. Drying time depends upon conditions, usually 15 – 30min at 23°C and 50% RH.

Very absorbent concrete may require two applications of primer to avoid pinholes and bubbling in the levelling compound. In such cases, apply the first coat of DUNLOP PRIMER & ADDITIVE as outlined above, allow to dry, then repeat the process. Allow to dry – approx. 15 – 30 min. **Note:** Low subfloor temperatures and/or high ambient humidity require longer drying times for the primers. Do not install DUNLOP LEVEL, BULK & SCREED until the primer has dried thoroughly.

Option 2: DUNLOP MULTIPURPOSE PRIMER

Use DUNLOP MULTIPURPOSE PRIMER (shake well before use) over standard concrete oors prior to the installation of DUNLOP LEVEL, BULK & SCREED. Use this primer undiluted at a rate of 6m² per litre. 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. Drying time depends upon conditions, usually 15 – 30min at 23°C and 50% RH.

Very absorbent concrete may require two applications of primer to avoid pinholes and bubbling in the levelling compound. In such cases, apply the first coat of DUNLOP MULTIPURPOSE PRIMER as outlined above, allow to dry, then repeat the process. Allow to dry – approx. 15 – 30 min. **Note:** Low subfloor temperatures and/or high ambient humidity require longer drying times for the primers. Do not install DUNLOP LEVEL, BULK & SCREED until the primer has dried thoroughly.

DAMP OR GREEN CONCRETE

When concrete substrate moisture content is measured at greater than 80% relative humidity (ASTM F2170) or exceeds 15gm/m²/24hrs (ASTM F1869) when tested in accordance with AS1884, a single coat of DUNLOP DAMP-PROOF MOISTURE BARRIER must be applied at a rate of 3m²/ litre. After 24 hours, the DUNLOP LEVEL, BULK & SCREED can be applied directly onto the cured DUNLOP DAMP-PROOF MOISTURE BARRIER.

MIXING RATIO

CHARACTERISTIC	WATER RATIO (per 20kg bag)
Leveller	3.2L water
Bulk-filling	2.8L water
Ramping & Screed	2.2 - 2.6L water

Note: DUNLOP LEVEL, BULK & SCREED reacts and hardens quickly when mixed with water. Thorough mixing in the shortest possible time is essential to ensure a lump-free mortar. For ramping and screed applications the product is less workable than when used as a leveller.

INSTRUCTIONS

Use (pour and spread) within 10 minutes of mixing (at 23°C/50% R.H). Mix only what can be applied within this time noting higher temperatures shorten workability. Do not hand mix, do not use concrete mixers and do not overwater.

Leveller mixing

Measure 3.2L of clean water into a suitable pail, then gradually add DUNLOP LEVEL, BULK & SCREED whilst mixing with a heavy-duty drill with a DUNLOP MIXING PADDLE at 650 rpm. Mix for 2–3 minutes until smooth and lump-free.

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Bulk-filling mixing

Measure 2.8L of clean water into a suitable pail, then gradually add DUNLOP LEVEL, BULK & SCREED whilst mixing with a heavy-duty drill with a DUNLOP MIXING PADDLE at 650 rpm for 1-2 minutes.

Ramping / screed mixing

Start with 2.2L of clean water into a suitable pail, then gradually add DUNLOP LEVEL, BULK & SCREED whilst mixing with a heavy-duty drill with a DUNLOP MIXING PADDLE at 650 rpm for 1-2 minutes. Check workability for the application and, if required, add up to 400mL of water but no more. Mix for a further 1 minute (max) if required. Ramps can be created from a minimum of 3mm up to 90mm.

APPLICATION

1. Pour the mixed material onto the primed substrate, always adding fresh to fresh mortar.

2. Spread into place using a DUNLOP STEEL TROWEL and allow to smooth out. Do not attempt to float the setting surface.

3. Material should be installed at a minimum thickness of 3mm and can be installed up to 90mm in one application.

Incorporate movement joints using AS3958 as a guideline. Bring the movement joints through to the floor surface. Do not apply DUNLOP LEVEL, BULK & SCREED in temperatures below 10°C or above 35°C. Protect the application of DUNLOP LEVEL, BULK & SCREED from sunlight and wind until the material has set, however do not cover with plastic sheeting. DUNLOP LEVEL, BULK & SCREED is not suitable for external use.

To create a superior finish prior to vinyl installation, apply DUNLOP ARDIT FEATHER FINISH or DUNLOP ARDIT FLOOR LEVELLER as a top coat. **NOTE:** DUNLOP ARDIT FLOOR LEVELLER requires priming whereas DUNLOP ARDIT FEATHER FINISH does not. Refer to product TDS for more details.

DRYING TIME

At 90mm DUNLOP LEVEL, BULK & SCREED will harden and set after approximately 4 hours at 23°C and can be walked on at this time. Installation of ceramic tiles is possible after 4-6 hours. Carpet can be installed after 24 hours and vinyl and waterproofing membranes can be installed after 3 days. High temperatures will shorten drying time and low temperatures will extend drying time.

COVERAGE

A 20kg bag, when used with 3.2L of water, will cover 1m^2 at 10mm thickness.

SHELF LIFE

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

PRECAUTIONS

DUNLOP LEVEL, BULK & SCREED is not suitable as a wear surface and is not suitable for driveways, areas subject to vehicular trafc or any external areas. After using DUNLOP LEVEL, BULK & SCREED in internal wet areas, the area must be primed and waterproofed over using a suitable DUNLOP waterproofing membrane.

Before any substrate preparation, installation or nishing methods relating to DUNLOP product are undertaken, please be aware of any potential risks and use appropriate PPE (personal protective equipment). This may involve contacting substrate manufacturers for Safety Data Sheets.

SAFETY DATA

This product causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation. Suspected of causing genetic defects. Causes damage to organs through prolonged or repeated exposure. Wear protective gloves, protective clothing, eye and face protection. Avoid breathing dust/fumes. Ensure adequate ventilation during mixing and application. Wash all exposed external body areas thoroughly after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. If exposed or concerned get medical advice/attention. Immediately call POISONS CENTRE/doctor/physician/rst aider. IF ON SKIN: Wash with plenty of water and soap. If skin irritation or rash occurs - get medical advice/attention. Take off contaminated clothing and wash it before reuse. IF INHALED: remove person to fresh air and keep comfortable for breathing. Store locked up. Check with your local council regarding disposal of contents.Keep out of reach of children. For additional information and the most current safety and technical information, please consult Safety Data Sheet (SDS) and Technical Data Sheet found on the product page of 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 specication published by us for 10 years from the date of application of the product if such application occurs within this product’s specied 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

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case if we are satised 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 eforescence 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: 2 Buda Way, Kemps Creek NSW 2178; Phone: 1800 222 841; 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 December 2025 and is valid for 3 years, unless updated sooner. Always refer to dunloptrade.com.au for the latest technical data from ARDEX Australia Pty Ltd.

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