



# Multipurpose FLOOR LEVELLER

**DUNLOP® MULTIPURPOSE FLOOR LEVELLER is a cement based compound, that when mixed with water provides a smooth, pourable, free flowing material designed for levelling uneven concrete before applying floor coverings such as carpet and ceramic tiles. It can be used both indoors and outdoors.**

## SURFACE PREPARATION

Concrete shall 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.

## PRIMING

Prime the prepared concrete surface using DUNLOP® PRIMER AND ADDITIVE using a soft push broom. Allow primer to touch dry prior to the application of DUNLOP® MULTIPURPOSE FLOOR LEVELLER. If the substrate is extremely porous, 2 coats of primer may be required. Allow the first coat of primer to dry prior to the application of the second coat.

## MIXING

Note: The amount of water used when mixing is critical. Ensure the exact amounts are 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 workability.

### Floor Smoothing Compound (up to 25mm)

Use 3L of water per 15kg of DUNLOP® MULTIPURPOSE FLOOR LEVELLER. Pour the powder slowly into a clean bucket containing the water whilst continually mixing with a heavy duty, low speed (650RPM) mechanical paddle stirrer (not a spiral stirrer). Mix for approximately 2-3 minutes to achieve a smooth lump free mixture. Do not aerate the mix by overstirring.

### Ramping

Mix 15kg of DUNLOP® MULTIPURPOSE FLOOR LEVELLER with 2.6L of clean water for approximately 1 minute. Add coarse, clean dried sand to achieve the desired workability of a trowelable, non-flowing screed (approx 7.5kg or 4.9L of 0.15-0.6mm sand) and mix for a further 2 minutes.

### Bulk Fill

Mix 15kg of DUNLOP® MULTIPURPOSE FLOOR LEVELLER with 2.8L of water and mix for approximately 1 minute, then add 15kg of clean, dry, 2-5mm aggregate and mix for a further 2 minutes. After mixing with aggregate the flowing characteristics will be reduced.

## APPLICATION

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

2. Spread into place using a steel smoothing 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, to benefit from self smoothing properties.
4. Material can be installed up to 25mm in one application. For thicker layers aggregate filled DUNLOP® MULTIPURPOSE FLOOR LEVELLER should be applied in one layer to achieve the desired thickness and can then be topped with unmodified DUNLOP® MULTIPURPOSE FLOOR LEVELLER (after adequate curing - approx. 4 hours and then re-priming) to give a smooth finish. Alternatively, additional layers of material can be installed once the previous layer has sufficiently hardened.

Incorporate movement joints using AS3958-1991 as a guideline. Bring the movement joints through to the tile surface.

Do not apply DUNLOP® MULTIPURPOSE FLOOR LEVELLER in temperatures below 10°C or above 35°C. Protect the application of DUNLOP® MULTIPURPOSE FLOOR LEVELLER from sunlight and wind until the material has set, however do not cover with plastic sheeting.

## DRYING TIME

Material will harden and set after approximately 2 hours. It can be walked on at this stage and installation of ceramic tiles is possible after 4 hours. Carpet can be installed after 24 hours and vinyl can be installed after 3 days. High temperatures will shorten drying time and low temperatures will extend drying time.

## COVERAGE

As a floor smoothing compound, approximately 9m<sup>2</sup> per 15kg bag when installed at 1mm thickness, or approximately 3m<sup>2</sup> when installed at 3mm thickness.

## CLEAN UP

All tools should be cleaned with water immediately after use.

## SHELF LIFE

A shelf life of 12 months is expected when stored in a dry place in original unopened packaging.

## PACKAGING

5kg, 15kg

## CAUTION

The presence of cement in the product gives an alkaline mortar which may cause some irritation if prolonged contact with skin takes place. Avoid contact with skin and eyes; in case of contact with eyes, rinse immediately with plenty of water and seek medical advice; wear suitable gloves and keep the product out of the reach of children. Avoid breathing the generated airborne dust during mixing.

FL-10/06



# FLOOR LEVELLER

## TECHNICAL DATA

The technical details and recommendations 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 the responsibility of the user to ensure that the products are used in accordance with DUNLOP product instructions and in applications for which they are intended.

<b>Mixing Ratio:</b>	5:1 (Powder:water)
<b>Form and Colour:</b>	Grey Powder
<b>Bulk Density:</b>	approx 1.3kg/L
<b>Application Temperature:</b>	10°C to 35°C
<b>Working Time (+23°C):</b>	approx 10 minutes
<b>Walkability (+23°C):</b>	approx 2 hours
<b>Tile Over After (+23°C):</b>	approx 4 hours

### Compressive Strength (MPa):

1 day	approx 12
3 days	approx 17
7 days	approx 24
28 days	approx 28

### Flexural Strength (Mpa):

1 day	approx 4
3 days	approx 6
7 days	approx 9
28 days	approx 10

Mixed Mortar Density 2.06kg/L

Flow Diameter (EN 12706:1999) 130-140mm

## DUNLOP GUARANTEE

Product is guaranteed for 10 years when installed to manufacturers instructions.

## USER NOTES

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 the responsibility of the user to ensure that our products are used and handled correctly and in accordance with any applicable Australian Standard, our instructions and recommendations and only for the uses they are intended. We also reserve the right to update information without prior notice to you and reflect our ongoing research and development program.

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.

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