



# Easy Clean EPOXY GROUT

**DUNLOP EASY CLEAN EPOXY GROUT** is a high performance, durable grout which has superior stain resistance and is able to resist most household chemicals. Suitable for areas subjected to high wear including areas where strict hygiene standards are required such as kitchens as well as wet areas such as bathrooms and swimming pools. It is easy to use and clean during application and also easy to maintain. Suitable to use on ceramic, porcelain and non-moisture sensitive natural stone tiles both in indoor and outdoor areas. This grout contains Grout Shield which is a powerful mould inhibitor that will resist the growth of mould and bacteria to keep surfaces looking better for longer.



## JOINT PREPARATION

All spacers must be removed from joints. Ensure joints are clean and free from excess adhesive. Do not grout until the tiling has set firmly.

## MIXING RATIO

DUNLOP EASY CLEAN EPOXY GROUT should be mixed to the ratios below in parts per volume:

Part A Compound	2 parts/500ml
Part B Hardener	1 part/250ml
Part C - Colour Pack	6-8 parts/2.5kg

Note: only mix enough material that can be used within 30 minutes and maintain the same ratio for further mixes to ensure colour consistency.

## MIXING

Transfer the measured amount of DUNLOP EPOXY RESIN (Part A) to a suitable sized mixing container and add the DUNLOP EPOXY HARDENER (Part B). For best results mix the two components using a low speed mechanical stirrer (e.g. electric drill) until a uniform mixture is obtained. Maintain mixing paddle head below surface of liquid to reduce entrapped air. Add DUNLOP COLOUR PACK (PART C filler) in incremental amounts until a non-slump consistency with uniform colour is obtained. Filler addition can be adjusted to accommodate site conditions (e.g. ambient temperatures, joint width). Coverage will vary dependant on the amount of filler added. Reducing filler decreases coverage and makes clean up more difficult. For wider joints, more filler may be necessary to obtain a firmer, non-slump consistency. To extend the pot life, spread the mix onto a non-absorbent surface (e.g. plastic sheet) at a thickness not exceeding 15mm and begin application. To optimise the workability, incorporate less DUNLOP COLOUR PACK Part C filler at low temperatures and more Part C filler at high temperatures into the mix.

## APPLICATION

Apply the mixed grout using a rubber backed trowel or squeegee. Compact the grout firmly into the joints ensuring they are completely filled, minimising the amount left on the tile surface. Remove excess grout from the tile surface and begin cleaning. Optimum pot life, coverage and workability are achievable when DUNLOP EASY CLEAN

EPOXY GROUT is used at temperatures between 20-25°C.

The components can be warmed or cooled to achieve optimal results depending on temperature and site conditions. Do not apply in temperatures below 10°C or above 30°C. Low temperatures will retard curing and high temperatures will dramatically shorten the pot life. The pot life of the mixed mortar is approximately 60 minutes at 23°C and 50% relative humidity.

## CLEANING

For best results, cleaning should be completed within 15 minutes after application. Grouting and cleaning 1-2m<sup>2</sup> at a time is recommended. Consult DUNLOP Toll Free line for porous and heavily textured tiles.

Step 1: Using a refillable spray bottle or sponge, apply clean water to the surface. Avoid water entering surrounding un-grouted joints.

Step 2: Using a damp scourer lightly soaked in water gently scrub, in a circular motion and loosen the excess grout on the tile surface.

Step 3: Using a damp sponge or open weave cloth soaked in water, remove grout from the tile surface. Warm water will improve the process. Step 4: Smooth grout surface using a clean dense sponge. Frequent rinsing of sponge reduces clogging and prolongs its life.

Step 5: Remove remaining residue either by continuously sponging or by dragging a damp towel laid flat, across the tile surface.

It is important to clean all grout from the tile surface before the grout hardens. In some cases a slight smear may develop on the tile surface after cleaning. The smear can be removed 2-4 hours after grout application by wiping with a clean sponge or open weave cloth lightly soaked in water. For stubborn areas use a scourer. Clean residue no later than 24 hours after grout application.

Note: Heavy-duty cleaning can be achieved by using solvents such as methylated spirits and a sponge only. However cleaning with solvent may be a health and safety issue.



# EPOXY GROUT

## COVERAGE

The table below shows approximate coverage for DUNLOP EASY CLEAN EPOXY GROUT. Use the online calculator to determine how much product you will need for your tiling project at [www.dunlopdiy.com](http://www.dunlopdiy.com). Allow an additional 15-20% for wastage. Estimates are approximate and do not include wastage.

Tile Size (mm)  Length x width x depth	Cover in m2 per KIT KIT is Part A 500ml, Part B, 250ml & Part C 2.5kg Joint Width				
	1.5mm	3mm	5 mm	10 mm	15mm
25 x 25 x 4	4m <sup>2</sup>	2m <sup>2</sup>	1.3m <sup>2</sup>	0.6m <sup>2</sup>	0.4m <sup>2</sup>
100 x 100 x 8	8m <sup>2</sup>	4m <sup>2</sup>	2.5m <sup>2</sup>	1.3m <sup>2</sup>	0.8m <sup>2</sup>
200 x 200 x 8	17m <sup>2</sup>	8m <sup>2</sup>	5m <sup>2</sup>	2.5m <sup>2</sup>	1.6m <sup>2</sup>
330 x 330 x 9	24m <sup>2</sup>	12m <sup>2</sup>	7m <sup>2</sup>	3.5m <sup>2</sup>	2.4m <sup>2</sup>
600 x 600 x 10	40m <sup>2</sup>	20m <sup>2</sup>	12m <sup>2</sup>	6m <sup>2</sup>	4m <sup>2</sup>

## DRYING TIME

Initial set and trafficable after 24 hours, full cure after approximately 7 days, after which time the grout joints are chemically resistant, at 23°C and 50% relative humidity. Allow longer for lower temperatures.

## CLEANING

All tools should be cleaned with water immediately after use.

## SHELF LIFE

24 months when stored in the original unopened packaging, in a dry place at 23°C and 50% relative humidity. Reseal partly used containers.

## PRECAUTIONS

Epoxy based grouts are prone to discolouration and chalking when used externally, performance is not affected. Light coloured epoxy grouts are subject to colour variation over prolonged periods. It is recommended to conduct a trial application prior to grouting. In low temperatures below 10°C, it is advisable to warm the separate component by standing the sealed bottles in warm water of up to 25°C or store in a temperature controlled environment for 12 hours prior to use. In high temperatures above 30°C, the material should be stored in the shade or an air conditioned environment for 12 hours prior to use.

## SAFETY DATA

General: Avoid contact with skin and eyes as it causes irritation including to the respiratory system; in case of contact with the eyes and skin, rinse immediately with plenty of water for 15 minutes. The use of Personal Protective Equipment is required. Avoid inhaling, remove to fresh air. If breathing shallow, give oxygen and seek medical attention. Ensure adequate ventilation during mixing and application.

Remove contaminated clothing. If swallowed, rinse mouth with running water, do not induce vomiting. Keep the product 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) available at [www.dunlopdiy.com](http://www.dunlopdiy.com)

## 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: 7/20 Powers Road Seven Hills NSW 2147; phone: 1800222841; email: [technical-services@ardexaustralia.com](mailto:technical-services@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".

## USER NOTES

The technical details and recommendations contained are given in good faith and represents 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.