



PRO GRIP

WATERPROOFING KIT

TECHNICAL DATA SHEET

PURPOSE

PRO GRIP WATERPROOFING KIT is a self-contained kit comprising of a waterproofing polymer primer, a cement based powder blend, reinforcing membrane, and block brush conveniently supplied in a bucket which can be used for mixing. This kit was designed to easily apply a professional grade waterproofing layer under ceramic, porcelain, stone and mosaic tiles. This product is suitable for waterproofing balconies, terraces, bathrooms, shower cubicles, laundry rooms, saunas, etc. The final coating is highly flexible and resistant to water. Tiles must be installed onto the waterproofed surface with a high quality polymer modified adhesive (e.g. PRO GRIP SUPERBOND PORCELAIN ADHESIVE or PRO GRIP TILE ON TILE ADHESIVE) to ensure a good bond and superior water resistance.

MIXING INSTRUCTIONS

Slowly add the dry powder component into the liquid waterproofing primer and mix thoroughly until a smooth uniform consistency is achieved.

SURFACE PREPARATION

(These recommendations are in accordance with the SABS standard SANS 10107:2011 - The design and installation of ceramic tiles.)

1. Ensure that surface to be painted is sound (no cracks or crumbling), clean, free of dust, release agent, fungi, or any surface dampness. Fungi must be removed and the spores killed with the use of an effective fungicide. (a dilution of household bleach is sufficient)
2. New walls and floors must be allowed to cure for minimum periods as listed below to ensure that movement due to shrinkage does not affect the installation
 - a. Direct bedding onto new brick walls and concrete surfaces: 6 weeks
 - b. New plaster walls: 2 weeks
 - c. New screeded floors: 4 weeks
3. Very smooth surfaces such as steel trowelled and off-shutter concrete must be acid washed to remove laitance and then rinsed thoroughly with cold water.
4. Painted surfaces, gypsum plasters and surfaces that have old bitumen adhesive on them must be chipped in order to expose at least 80% of the substrate.

APPLICATION

1. Use the PRO GRIP BLOCK BRUSH to apply a uniform coating of at least 2mm thickness to both the flat and vertical surfaces. Apply the waterproofing coating as high as possible to the vertical surfaces (max. 50 cm) to ensure effective waterproofing.

*This guideline only serves as a basic manual for the surface preparation, product selection and installation procedure for this type of application. Each installation needs to be assessed on merits and the products used and the procedures followed should be in accordance with the SABS code for the design and installation of ceramic tiles (SABS 10107:2011).

2. Pay attention to the joints between horizontal and vertical surfaces, expansion joints and drains. In these areas, bed PRO GRIP WATERPROOFING MEMBRANE into the first coat of the waterproofing coating to provide added strength and flexibility.
3. Apply a second coat at a 90 degree angle to the first coat, making sure that there are no breaks in the final coating and that the waterproofing membrane is fully covered.

GENERAL APPLICATION INFORMATION

1. Carefully inspect the surface of the dry coating before tiling. Make sure that there are no pinpricks or breaks in the coating. If there are any surface defects, apply an additional coat.
2. Tiles must be laid with a polymer modified tile adhesive to ensure an effective bond and additional water resistance. Suitable products are PROGRIP SUPERBOND PORCELAIN ADHESIVE®, PRO GRIP TILE ON TILE ADHESIVE® or PROGRIP STONE AND GLASS MOSAIC ADHESIVE®.
3. Application onto a hot concrete surface in direct sunlight or in excessively windy condition as this may result in the formation of pinpricks or cracks in the final coating. Rather apply this product to exterior surfaces during the early morning.
4. Fill the standard tile joints with PROGRIP WATERPROOF GROUT® and expansion joints with PROGRIP FLEXIBLE EXPANSION JOINT® for additional waterproofing protection.
5. Brushes and rollers must be cleaned with water before the product has dried.

TECHNICAL DATA

Type	A two component system consisting of liquid and powder parts.
Colour when set	Grey
Drying time	2 hours between coats at 25°C and 50% humidity 24 hours before applying tiles at 25°C and 50% humidity
Coverage	± 4,5 m ² per small bucket (two coats) ± 9 m ² per large bucket
Packaging	Bathroom size = Small bucket Balcony size = Large bucket
Storage	Keep container closed when not in use. Store at a moderate temperature.
Shelf life	12 months under moderate temperature

PRECAUTIONS

1. Ensure that the above instructions are adhered to at all times and do not adulterate the product in any way as this could result in failure.
2. Rubber gloves should be used when applying PROGRIP WATERPROOFING KIT®. In the event of irritation, rinse skin under cold water. Consult a doctor if irritation persists.
3. Keep PROGRIP WATERPROOFING KIT® away from pets and children.
4. Do not ingest and do not empty surplus grout down drains.

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