

Prime + Grip

Multi-Purpose Bond Enhancing Primer

- Significantly improves adhesion bond strength of tile adhesives and self-levelling compounds
- Excellent for use on a wide range of smooth, non-absorbent and absorbent surfaces
- Rapid drying – primer dries in as little as 15 minutes
- Prime straight from the re-sealable tub
- Provides an excellent key and “+ Grip” surface
- Ideal for tile on tile applications
- Ready mixed and ready to use primer
- Single part, high strength – accepts Tilemaster self-levelling compounds up to 50mm thick

PROVIDES a
“+ Grip”
SURFACE

Rapid Drying
15 - 20
Minutes

Ready Mixed
& Ready to
Use Primer



TILEMASTER **PRIME + GRIP**

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DESCRIPTION:

Tilemaster Prime + Grip is a ready mixed, ready to use, rapid drying primer that can be used on both absorbent and non-absorbent substrates. Prime + Grip provides a textured “+ Grip” surface which gives an excellent bonding surface for Tilemaster tile adhesives and self-levelling compounds. Prime + Grip gives added confidence when tiling and/or self-levelling directly onto smooth, non-absorbent and absorbent surfaces due to its excellent bond enhancing properties. Prime + Grip is rapid drying and it can be tiled or levelled over after as little as 15 minutes. Prime + Grip is suitable for use internally and externally and the coverage rates of Prime + Grip are excellent, one 5kg unit will cover up to 65m².

Prime + Grip is single part and it provides a high strength layer on which to apply Tilemaster self-levelling compounds and tile adhesives. Due to its high bond strength properties, Prime + Grip allows for Tilemaster self-levelling compounds to be applied up to 50mm thick in one application. Prime + Grip is our recommended primer to be used in conjunction with Tilemaster One Coat Damp Proof Membrane.

SUBSTRATES:

- ✓ Sand/Cement Screed
- ✓ Concrete
- ✓ Plywood Overlay
- ✓ Electric Underfloor Heating
- ✓ Water/Wet System Underfloor Heating
- ✓ Tile Backer Boards
- ✓ Tile on Tile
- ✓ Flooring Grade Asphalt & Bitumen
- ✓ Anhydrite Screeds
- ✓ Plaster
- ✓ Plasterboard
- ✓ Fibre Cement Sheet
- ✓ Cement/Sand Render
- ✓ Concrete Brick/Block
- ✓ T & G Floorboards
- ✓ Floating Floors
- ✓ Existing Vinyl Tiles
- ✓ Steel/Metal Surfaces
- ✓ Fibreglass
- ✓ Green Screed
- ✓ Epoxy DPM

PREPARATION:

Surfaces must be sound and free from dust, dirt, grease, oil and any other contaminants that may affect adhesion. Any laitance or surface treatments must be removed before use. Concrete, sand/cement screeds, anhydrite screeds and power floated concrete must be fully cured before application. The temperature of the surface must be above 5°C when the Prime + Grip is applied. Underfloor heating systems must be switched off 48 hours before application. Timber and over-boarded substrates must be rigidly braced and sufficiently constructed to take domestic loading and movement.

APPLICATION:

Shake or stir the Prime + Grip before application in order to ensure equal dispersion of the aggregates contained within the primer. Apply Prime + Grip evenly to the whole surface to be treated with a paint roller, brush or sponge. Do not over apply as this can cause the primer to skin over, only a thin coat is required ensuring that you have 100% coverage. Once applied allow the Prime + Grip to become touch dry before tiling / levelling over the primer. This will take between 15 – 60 minutes depending on the ambient temperature and the porosity of the substrate. Higher temperatures and porous substrates will reduce the curing time, whilst low temperatures and non-porous substrates will increase the curing time of the primer. Once primed, avoid trafficking the primed area.

Re-seal the primer container after use to prevent evaporation and possible contamination of the primer.

Wash tools immediately after application with warm water.

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SUBSTRATE PREPARATION GUIDE:

Concrete: New concrete must be allowed a minimum of 6 weeks drying time. As an approximate guide for drying times, allow 1 day per mm up to an overall depth of 50mm and 2 days per mm for anything above 50mm. Remove any laitance from the surface mechanically and ensure that mould oil, curing agents and any other contaminants are removed. Remove all dust and dirt ideally by vacuum. Prime the surface with one coat of Prime + Grip and allow to dry. *When used in conjunction with Tilemaster Ultimate adhesive, new concrete can be primed with Prime + Grip and tiles fixed with Ultimate adhesive after 7 days.*

When installing moisture sensitive floor coverings, the concrete should be confirmed dry by consistent moisture readings: <75% relative humidity (RH) or <0.5% residual moisture when tested in accordance with BS 8203. Where a structural damp proof membrane is not present or where rising damp and/or residual moisture gives moisture readings up to 98% RH, it is recommended to apply Tilemaster One Coat DPM prior to installing the finished flooring. Once One Coat DPM has been applied and cured, apply one coat of Prime + Grip prior to the application of self levelling compound or tile adhesive.

Sand/Cement Screed: New sand/cement screed must be left for a minimum of 4 weeks to dry sufficiently. Remove any laitance from the surface mechanically and ensure that mould oil, curing agents and any other contaminants are removed. Remove all dust and dirt ideally by vacuum. Prime the surface with one coat of Prime + Grip and allow to dry. *When used in conjunction with Tilemaster Ultimate adhesive, new sand/cement screed can be primed with Prime + Grip and tiles fixed with Ultimate adhesive after 7 days.*

When installing moisture sensitive floor coverings, the sand/cement screed should be confirmed dry by consistent moisture readings: <75% relative humidity (RH) or <0.5% residual moisture when tested in accordance with BS 8203. Where a structural damp proof membrane is not present or where rising damp and/or residual moisture gives moisture readings up to 98% RH, it is recommended to apply Tilemaster One Coat DPM prior to installing the finished flooring. Once One Coat DPM has been applied and cured, apply one coat of Prime + Grip prior to the application of self levelling compound or tile adhesive.

Flooring Grade Asphalt/Bitumen: Ensure that the flooring grade asphalt/bitumen is in good condition and that there are no signs of debonding and/or hollowness. Make sure the surface is dry and free of any contaminants, loose dust or dirt. Prime the surface with one coat of Prime + Grip and allow to dry.

Existing Ceramic, Porcelain & Natural Stone Tiles: Ensure the surface is dry and free of any contaminants, loose dust or dirt. Existing tiles that have been previously treated with sealer must be sufficiently cleaned in order to remove any surface treatments. Prime the surface with one coat of Prime + Grip and allow to dry.

Gypsum Plaster: New plaster must be allowed to dry for a minimum of 4 weeks. Ensure the surface is dry and free of any contaminants, loose dust or dirt. If the plaster has a polished/shiny surface, brush with a stiff bristle brush to abrade/roughen the surface prior to application. Prime the surface with one coat of Prime + Grip and allow to dry. The combined weight of the tile, tile adhesive and grout should not exceed 20kg /m².

Gypsum Plasterboard: Ensure the surface is dry and free of any contaminants, loose dust or dirt. Prime the surface with one coat of Prime + Grip and allow to dry. The combined weight of the tile, tile adhesive and grout should not exceed 32kg /m².

Plywood Overlay: Prior to tiling or levelling, ensure that new or existing boards are dry, i.e. conditioned to the environment in which they will be used. Plywood must be 6mm (minimum), exterior grade, screwed (not nailed) to substrate at 6 inch/150mm centres. Ensure there is sufficient ventilation beneath substrate and that the plywood has been fitted competently and will take the weight of the final floor covering being applied. Make sure the surface is dry and free of any contaminants, loose dust or dirt. The top surface of the plywood does not require priming prior to tiling and/or levelling providing the surface is free from all contaminants.

Underfloor Heating Systems: When tiling or levelling onto existing underfloor heating you must switch the heating off 48 hours prior to tiling to allow the substrate to cool sufficiently. Once the flooring installation has been completed allow 1 week for full cure of adhesive and grout before switching the heating on. When doing so, start with a low temperature and gradually increase the temperature on a daily basis by no more than 2°C per day.

When tiling or applying soft flooring on to a new electric element underfloor heating system, Tilemaster Adhesives strongly recommend embedding the electric underfloor heating mat/element into a self levelling compound such as Levelflex or Rapid Level 30 in order to protect the heating element and to leave a perfect surface on which to apply tiles. Again, allow one week for full cure before switching the heating on, start with a low temperature and gradually increase the temperature on a daily basis by no more than 2°C per day.

Underfloor Heated Screeds should be commissioned prior to tiling and/or levelling. Turn on the heating system at a low temperature and heat the screed gradually by no more than 5°C per day until a maximum temperature of 25°C is achieved. Maintain this temperature for 3 days and then switch the heating off 48 hours prior to tiling to allow the substrate to cool sufficiently. Alternatively in cold conditions, reduce the temperature of the screed to below 15°C prior to tiling. Once the flooring installation has been completed allow 1 week for full cure of adhesive and grout before switching the heating on. When doing so, start with a low temperature and gradually increase the temperature on a daily basis by no more than 2°C per day.

Tongue & Groove Boarding and Floorboards: Prior to tiling or levelling, ensure that new or existing boards are dry i.e. conditioned to the environment in which they will be used. Existing tongue and groove boards should be screwed to supporting joists at 300mm centres including any cross-noggings if necessary in order to provide a rigid, flat and adequately braced surface. Ensure there is sufficient ventilation beneath the substrate and that the substrate is strong enough to support the weight of the final floor covering being applied. Make sure the surface is dry and free of any contaminants, loose dust and dirt. Older floorboards that have been sanded or that are highly porous should be primed with one coat of Prime + Grip. Most types of new and clean floorboards do not require priming, however, there are some types of timber floorboard that have a finished coating/treatment applied to the top surface of the floorboard. Floorboards that have a surface coating/treatment will require priming with one coat of Prime+Grip. If in doubt, contact our technical department on 01772 456831, we will be happy to assist.

Please Note: Certain manufacturers of chipboard floorboard do not recommend their products for being tiled directly due to the design of their particular board. If in doubt, please consult with the supplier of the board or alternatively contact our Technical Helpline on 01772 456831 for further advice.

Concrete Blocks: Ensure surface is dry and free of contaminants, loose dust and dirt. Prime the surface with one coat of Prime + Grip and allow to dry.

Anhydrite/Gypsum Screed: Tilemaster Adhesives recommended tile adhesive for use on anhydrite/gypsum screeds is AnhyFix and our recommended self levelling compound is AnhyLevel. When using these products, prime the surface of the screed with one coat of Prime + Grip and allow to dry. Alternatively prime the surface with one coat of Primeplus diluted 3 parts water to 1 part Primeplus and allow to dry. If using another Tilemaster adhesive or self levelling compound on anhydrite/gypsum screeds, please contact our Technical Department on **01772 456831** for priming instructions.

Tile Backer Board: Ensure the surface is dry and free of any contaminants, loose dust or dirt. Prime the surface with one coat of Prime + Grip and allow to dry.

Existing Vinyl Tiles/Sheet Vinyl: Make sure the existing vinyl tiles/sheet vinyl is firm, stable and well adhered to the substrate to which the vinyl was originally applied to. Ensure the surface is dry and free of any contaminants, loose dust and dirt. Prime the surface with one coat of Prime + Grip and allow to dry.

Power Floated Concrete: Ensure the surface has been allowed 7 days to cure. Power floated concrete can leave a loose top layer and/or laitance once it has cured. Remove the loose top layer and any laitance from the surface mechanically or by acid etching and remove all dust and particles ideally by vacuum. Once all laitance has been removed, prime the surface with one coat of Prime + Grip and allow to dry.

Epoxy Damp Proof Membrane: Ensure the surface is dry and free of any contaminants, loose dust or dirt. Prime the surface with one coat of Prime + Grip and allow to dry before applying self levelling compound or tile adhesive.

Tilemaster Adhesives Ltd.

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Pack Size	5kg buckets
Coverage	Approximately 45 – 65m ² per 5kg (depending on porosity of surface/substrate)
Application Temperature	Between 5°C and 35°C
Drying Time Before Tiling / Levelling	15 – 20 minutes in ideal conditions. The drying/curing time will depend on the porosity of the substrate and ambient conditions/temperatures
Storage	Store unopened, clear of the ground in cool, dry conditions
Shelf Life	12 months when stored in cool, dry and frost-free conditions
Colour	Blue
Note	All work must be carried out in accordance with British Standard Code of Practice for floor and wall tiling BS5385

HEALTH AND SAFETY

The components of Prime + Grip are not classified as hazardous. However, it is recommended that elementary health precautions be followed, including: wear protective gloves and glasses; ventilate working areas. If there is accidental contact with skin or eyes wash thoroughly with water. Do not allow the paste to dry on the skin. Keep out of reach of children.

For further information refer to the Material Safety Data Sheet.

The information contained on this spec sheet is given voluntarily and in good faith. It is to the best of our knowledge true and accurate, however it may contain information which is inappropriate under certain conditions of use. The company cannot accept responsibility for any loss or damage due to inappropriate use or the possibility of variations of working conditions and of workmanship outside our control.

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