

# Tanking Kit & Tanking Paste

Waterproofing Kit for areas exposed to wet/damp conditions

- Seals and stabilises surfaces prior to applying tiles
- Protects water sensitive substrates from exposure to water
- Ideal for wetrooms, showers, steamrooms and bathrooms
- Apply to a large variety of substrates
- Ready to use, easy to apply
- Fast drying, apply tiles after 4 hours
- Can be used internally and externally

**Tile  
after  
4 Hours**

**Uses  
Co-polymer  
Technology**



# TILEMASTER TANKING KIT & TANKING PASTE

## Waterproofing Kit for areas exposed to wet/damp conditions

### DESCRIPTION:

The Tilemaster Tanking Kit is an advanced sealing system based on co-polymer technology. It is designed to produce a barrier to moisture that is flexible enough to accommodate slight movement and/or vibration which may be expected under normal conditions of use in and around well constructed and structurally stable floors, walls and shower cubicles. The system seals, stabilises and prepares substrates ready for the installation of ceramic, porcelain and natural stone tiles.

The Tilemaster Tanking Kit comprises of a pre-mixed and easy to use waterproofing paste that is reinforced with fleece tape and preformed corner tapes. All contents of the kit can also be purchased individually.

### APPLICATION AREAS/ENVIRONMENTS:

- ✓ Domestic and Commercial Showers
- ✓ Bathrooms
- ✓ Wetrooms
- ✓ Steamrooms
- ✓ Laundry/Utility Rooms
- ✓ Areas Subject to Prolonged Wet Conditions

### SUBSTRATES:

- ✓ Sand/Cement Screed
- ✓ Concrete
- ✓ Plywood Overlay (12mm min)
- ✓ Chipboard Overlay (18mm min)
- ✓ 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

### PREPARATION:

Surfaces must be sound and free from dust, dirt, grease, oil and any other contaminants. Any laitance or surface treatments must be removed before use. Concrete, sand/cement screeds, anhydrite screeds and power floated concrete must be fully cured and dust removed ideally by vacuum. The temperature of the surface must be above 5°C when the Tanking Paste is applied. Underfloor heating must be switched off 2 days before application. Timber and over boarded substrates must be rigidly braced and sufficiently constructed to take domestic loading without movement.

If there are any gaps between wall and floor joints/junctions, tile backer boards or other surfaces that are greater than 2mm, these should be filled with an appropriate filler such as silicone sealant. Wide gaps should be filled with cement based, flexible tile adhesive. Allow all filled joints and junctions to dry before applying the Tanking Paste.

### APPLICATION:

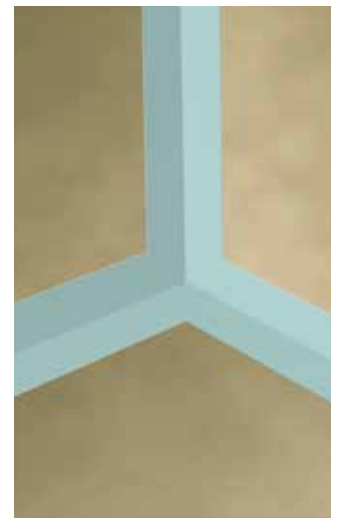
**STAGE 1** Depending on the type of surface you are Tanking, the surface may require priming prior to applying the Tanking Paste. The following surfaces should be primed:

- Gypsum Plaster
- Plasterboard
- Tile Backer Boards
- Fibre Cement Sheets
- Concrete
- Sand/Cement Screed & Render
- Anhydrite Screeds
- Concrete Brick/Block

The Primeplus included in the pack should be diluted with 3 parts water prior to application.

Apply one thin coat of the diluted Primeplus with a suitable brush or roller evenly to the whole surface to be treated. Allow the primer to dry before proceeding to Stage 2, this will take approximately 45 minutes.

**STAGE 2** Using a suitable brush or roller, apply a thin coat (approx. 0.5mm) of Tanking Paste to all joins/joints, corners, cracks and junctions between walls and floors. The Tanking Paste should be applied slightly wider than the reinforcing tape supplied. We recommend working in small areas until you have become accustomed to the product.



### Tilemaster Adhesives Ltd.

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**STAGE 3** The reinforcing tape and corners are designed to be bedded into the waterproofing paste, wetting out the tape and therefore creating a highly flexible, reinforced waterproof membrane. Whilst the Tanking Paste is still wet, apply the preformed corners and bed them firmly into place ensuring that no air pockets remain trapped and that the corners are flush with the corners/junctions.



**STAGE 4** Once the corners have been sealed, the straight runs of reinforcing tape can be applied. Cut to measure the joint reinforcing tape to cover allowing a minimum of 50mm for any overlap. Apply additional Tanking Paste to any previously fitted corners or tape to ensure the adhesion of tape to tape. Apply the reinforcing tape to all vertical and horizontal joints, joints and junctions of the surface to be sealed. Place the joint reinforcing tape onto the applied Tanking Paste and smooth down with a flat trowel or float, again ensuring that no air pockets remain. Repeat this operation ensuring that all joints, joints and junctions are reinforced.



**STAGE 5** 2 coats of Tanking Paste should now be applied by brush, spatula or roller to all surfaces that require Tanking. Apply one coat horizontally and one coat vertically.

Apply the first coat of Tanking Paste, the Tanking Paste should be applied to a thickness of approximately 0.5mm. Allow the first coat to become touch dry, this will take approximately 60 – 120 minutes. Apply the second coat in the opposite direction, again at a thickness of 0.5mm, ensuring that all areas are entirely covered.

Please note, applying excess Tanking Paste will result in extended drying times and the possibility of the Tanking Paste peeling.



**STAGE 6** Once the Tanking Paste is fully cured, your sealed surfaces are ready to be tiled. The drying/curing time will depend on the porosity of the substrate, thickness of the Tanking Paste applied and the ambient conditions/temperatures. In ideal conditions, tiling can commence approximately 3 hours after the second coat of paste has been applied. Please note – in poor conditions, the drying process can take up to 24 hours.

**STAGE 7** The Tanking Paste does not need to be primed prior to applying tile adhesive. Ensure that the previously applied Tanking Paste is free from dust, dirt and contaminants. A cement based tile adhesive from the TILEMASTER range should be used for fixing tiles to the TILEMASTER TANKING SYSTEM.

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## Waterproofing Kit for areas exposed to wet/damp conditions

Pack Size	7kg
Pack Contents	5kg Tanking Paste, 10 metre roll of reinforcing tape, 2 internal corners, 1 litre Primeplus & latex gloves
Coverage	5kg Tanking Paste covers 6.2m <sup>2</sup> when applying 2 coats
Application Temperature	Between 5°C and 35°C
Drying Time Between Coats	Allow the first coat to become touch dry, this will take approximately 60 – 120 minutes
Drying Time Before Tiling	In ideal conditions, tiling can commence 3 hours after the second coat of paste has been applied. Please note – In poor conditions, the drying process can take up to 24 hours The drying/curing time will depend on the porosity of the substrate, thickness of the Tanking Paste applied and the ambient conditions/temperatures
Contact with Water	During the drying of the Tanking Paste, the coated areas must be protected from moisture and contact with water
Storage	Store unopened, clear of the ground in cool, dry conditions.
Shelf Life	Stored correctly this product has a shelf life of 12 months
Paste 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 the Tanking Kit 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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