

## EFT

### TANKING KIT

- + Ready to Use
- + Tile After 3 Hours
- + No Priming Required
- + Water Proofing Kit for Areas Exposed to Wet/Damp Conditions
- + Protects Water Sensitive Substrates From Exposure to Water
- + Seals and Stabilises Surfaces Prior to Applying Tiles
- + Fast Drying & Easy to Apply
- + Ideal for Wetrooms, Showers Steamrooms and Bathrooms
- + Internal Use Only



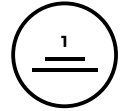
INTERIOR  
USE ONLY



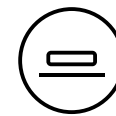
IDEAL TEMP  
5°C to 30°C



STORAGE  
12 Months



1 COAT ONLY  
No Priming  
Required



TILING  
After 3 Hours

#### ECO FUSION TANKING KIT

is a single coat, fast drying system based on co-polymer technology. No priming required. It is a waterproof barrier system designed to protect water sensitive structures and surfaces in tiled areas where regular and frequent exposure to damp conditions is expected, such as showers, bathrooms wet rooms and kitchen utility areas. 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, 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 Eco Fusion Tanking Kit comprises a 2.5kg premixed, easy to use, waterproofing paste that is reinforced with self-adhesive tape and latex gloves.

Following the instructions on this packaging will ensure a watertight installation.

N.B Eco Fusion Tanking Paste is not suitable to be used to control rising damp and is not suitable for use as a damp proof membrane.

#### SURFACE PREPERATION

Preparation of all substrates is crucial to the success and longevity of all tiling installations. All substrates must be rigid, flat, clean, dry, and sound and be free of any contaminants. Anything that could compromise adhesion to the substrate, such as dust, dirt, oil, grease, laitance, sealers, waxes and curing agents will need to be

mechanically removed. Ensure that all substrates and backgrounds are strong enough to carry the weight of the tiles and fixing materials, and that any maximum weight limits are not exceeded.

Concrete, sand/cement screeds and calcium sulphate screeds must be fully cured, with any dust from the surface removed by vacuum. Power floated concrete will require the surface to be mechanically abraded to open up the pores and to remove any surface contaminants.

The temperature of the surface must be 5°C and rising when Eco Fusion Tanking Paste 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 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 Eco Fusion Tanking Paste.

NB. Solvent based sealants must not be used for filling gaps.

## APPLICATION

**STAGE 1** Using a suitable brush or roller, apply a thin coat (approx. 0.5mm) of Eco Fusion Tanking Paste to all joins/joints, corners, cracks and junctions between walls and floors. Eco Fusion 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.

**STAGE 2** The reinforcing tape and corners are designed to be bedded into the Eco Fusion Tanking Paste, wetting out the tape and therefore creating a highly flexible, reinforced waterproof membrane. Whilst the Eco Fusion 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 3** 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 Eco Fusion 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 joins, joints, and junctions of the surface to be sealed. Place the joint reinforcing tape onto the applied Eco Fusion Tanking Paste and smooth down with a flat trowel or float, again ensuring that no air pockets remain. Repeat this operation ensuring that all joins, joints, and junctions are reinforced.

**STAGE 4** One coat of Eco Fusion Tanking Paste should now be applied by brush or roller to all surfaces that require Tanking. The Eco Fusion Tanking Paste should be applied to a thickness of approximately 0.5mm, ensuring that all areas are covered. Please note, applying excess Eco Fusion Tanking Paste will result in extended drying times and the possibility of the Tanking Paste peeling.

**STAGE 5** Once the Eco Fusion Tanking Paste has been applied,

tiling can commence after 3 hours providing the Eco Fusion Tanking Paste is touch dry. The drying/curing time will depend on the porosity of the substrate, the thickness of the Eco Fusion Tanking Paste applied and the ambient conditions/temperatures. Please note – in poor conditions, the drying time could be extended beyond 3 hours.

**STAGE 6** Eco Fusion Tanking Paste does not need to be primed prior to applying tile adhesive. Ensure that the previously applied Eco Fusion tanking Paste is free from dust, dirt, and contaminants.

Eco Fusion Tanking kit contains 2.5kg Tanking Paste, 10 metre roll of reinforcing tape and latex gloves.

## COVERAGE

2.5kg Tanking Paste covers approximately 7m<sup>2</sup> when applied at 0.5mm thickness.

## STORAGE

This product has a shelf life of 12 months if stored in its unopened packaging in normal dry conditions. Do not use below 5°C and do not use in areas subject to permanent water immersion.

## HEALTH AND SAFETY

For more information and precautions for use refer to safety data sheet.

The Information given in this technical sheet is given in good faith. Eco Fusion cannot accept liability for loss or damage caused by the incorrect use of its products or poor workmanship. The user must ensure the product's suitability for the application intended and if in doubt should seek written technical advice for the product's application.

## TECHNICAL SUMMARY

PACK CONTENT	2.5kg Tanking Paste, 10 metre roll of self-adhesive tape and latex gloves.
COVERAGE	2.5kg Tanking Paste covers approximately 7m <sup>2</sup> when applied at 0.5mm thickness.
APPLICATION TEMPERATURE	Minimum 5°C and Rising
DRYING TIME BEFORE TILING	<p>In ideal conditions tiling can commence 3 hours after Eco Fusion Tanking Paste has been applied, providing the coat is touch dry.</p> <p>Please note - In warm conditions, the drying time may be decreased, likewise, in cold conditions the drying time may be increased. The drying/curing time of Eco Fusion Tanking Paste will depend on the porosity of the substrate, thickness of Eco Fusion Tanking Paste applied and the ambient conditions/ temperatures.</p>
CONTACT WITH WATER	During the drying process of Eco Fusion Tanking Paste, the coated areas must be protected from moisture and contact with water.
PASTE COLOUR	Blue
STORAGE	Store unopened, clear off the ground in cool and dry conditions.
SHELF LIFE	Stored correctly this product has a shelf life of 12 months.
FORM	Pasty Liquid
PH	7.5 - 8.5
DENSITY	Approx. 1.35g/cm <sup>3</sup>
COMPOSITION	Highly Polymer Modified