



# TT.55 TANKING SLURRY

**DESCRIPTION AND USE** TT55 is a single component polymer modified cement based protective and waterproof slurry coating. When mixed and applied correctly forms a highly effective damp proof membrane that can be applied to sound brickwork, concrete, blockwork or any cementitious substrate.

**PREPARATION** All surfaces to be treated with TT 55 must be free of all loose materials, dust, dirt, plaster, bitumen, oil, paint, etc. and of a sound nature, to allow maximum bonding to the original structure. This is best achieved by sand/shot blasting, scabbling or bush hammering. Once the surface has been prepared it should be pressure washed to remove any remaining dust. For application to floors, the floor screed must be removed, down to the original slab. The slab must be of a sound nature and not have any cracks.

**APPLICATION** Apply 10mm backing render coat using 3:1, washed sharp sand, sulphate resisting Portland cement and Trimix 1 Render Additive in gauging water, in areas of high hydrostatic pressure the surface should be prepared as above, but the first render coat should be mixed using Triton Bonding Agent diluted with gauging water (do not use Trimix 1 in this application). Allow render to go green, not dry, before applying TT55.

**TT 55** can be applied using trowel, brush or spraying equipment, ensuring an even coat and that all crevices and irregularities are filled (for application consumption see fig. 1). Maximum 4kg/m or 2mm in one application. When coating walls, particular attention is needed at wall/floor junction (see fig.2). Coat walls and lap (approximately 225mm) TT55 on to the floor, form fillet at wall/floor junction using sand/cement. Coat floor with TT55 and overlap up wall (approximately 225mm). TT55 is not a final finish for floors and should be screeded before TT55 has totally dried. Once TT55 has gone green (started to set) the top render coat can be applied if required using, 4:1, washed sharp sand: ordinary Portland cement or suitable renovating plaster. The finish coat should be a porous skim plaster, applied when the cement render coats are fully cured, bonding or skimming plaster should not be applied directly on the TT55 layer. Once replastering is complete and dry, trade matt emulsion can be applied (NO WALLPAPERS OR OIL BASED PAINTS).

**MIXING** Place 25kg TT55 into a clean container, add 5.5-6 litres of water and stir using a mechanical whisk for approximately 5 minutes.

## **STORAGE AND HANDLING**

Avoid breathing dust.

Wear gloves and eye protection.

Wash hands and exposed skin after use.

Must be stored in dry frost-free conditions.

If bags are stored correctly and unopened they will have shelf life of 12 months.

Packed in 25kg bags.

**CURING** During cure suitable protection must be given to the treated areas. Protect from direct sunlight, strong wind, rain and water splashes, until fully hardened.

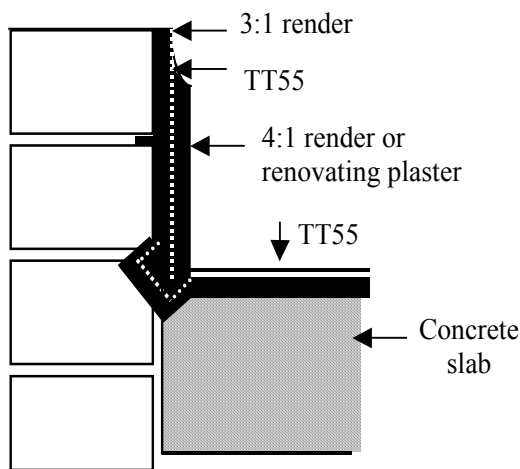
Fig 1. CONSUMPTION TABLE

CONSUMPTION		
Water sealing problem applied	Minimum thickness of layer	Approx. minimum amount of TT55 to be
1. Ground moisture	2 mm	4 kg/m
2. Pressureless surface water and seepage	2 mm	4 kg/m
3. Water under pressure	3 mm	6 kg/m

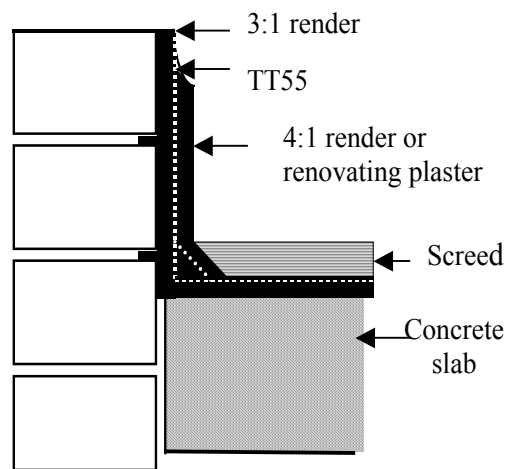
Max. thickness of layer is 5mm.

**Technical Data**

Mixed Density	2000Kg/M <sup>3</sup>
Open Time/Working Time	25-30 minutes at 20°C
Minimum application temperature	+5°C
Maximum application temperature	+30°C
Number of coats required	Two/Three
Compressive Strength	Minimum 30N/MM at 28 days
Adhesion	2-3N/MM
Colour	Grey



Wall/floor junction with chase



Wall/floor junction with fillet

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