

# TANKING SLURRY

Tanking Slurry is a cementitious waterproof system which creates a monolithic bond of the crystalline chemicals when applied to concrete structures.



When mixed with clean water and applied correctly, **Tanking Slurry** forms a permanent waterproof coating to the concrete and masonry and is easily applied by brush, roller or spray.

Tanking Slurry waterproofs against positive and negative hydrostatic heads of water and is suitable for use, internally, externally, above and below ground. Tanking slurry is also ideal for use for in damp-proofing applications.

## ADVANTAGES

- Permanent waterproofing for concrete and masonry.
- Resists positive and negative water pressure.
- Superior bond strength.
- Resists salt contamination in masonry.
- Suitable for use above and below ground level.
- Suitable for internal and external use.
- Safe to use in contact with potable water.
- Easy to use, brush, roller or spray applied.

**NOTE:** When applying Tanking Slurry to a structure housing aquatic life, overcoating with Wykamol Technoseal DPM in line with the relevant data sheet is necessary, which is available upon request or can be downloaded from our website.

## TYPICAL USES

Waterproofing of: basements, cellars, foundations, swimming pools, concrete, renders, brickwork, block work structures and lining water tanks, pools and planters etc.  
Internal and external, above and below ground application.

# USER GUIDE

## FREQUENTLY ASKED QUESTIONS

### Does Tanking Slurry have a BBA?

Yes! Tanking Slurry has been rigorously tested by the British Board of Agrément for the purpose of permanent waterproofing of concrete and masonry.

### Tanking Slurry has a WRAS Certification. What does this mean?

This means that the Water Regulations Advisory Scheme have tested Tanking Slurry and approved it for use in contact with potable water, suitable for human consumption, so can therefore be used on the following:

- Swimming pools (before finishes such as tiling and paint)
- Water Treatment and Sewerage Plants
- Retaining walls and columns in reservoirs
- Bathrooms and kitchens
- Concrete drinking water tanks
- Tunnels, silos and irrigation channels

### Can Tanking Slurry be over-painted?

Yes! You must treat Tanking Slurry like new plaster. Allow the application to dry completely and only use water based emulsion paint in the first 6 months after initial application.

### How do I prepare a concrete floor for an application of Tanking Slurry?

If the surface of the concrete is smooth (no key) the tanking slurry can potentially lift unless prepared correctly. Mix 1 part SBR Latex to 2 parts clean water and apply directly to the cured concrete. Key the surface and leave for approx. 15 minutes before applying Tanking Slurry.

### What do I mix Tanking Slurry with?

For regular applications Tanking Slurry should be mixed with clean water as per the table below:

Pack Size	Brush	Trowel	Spray
25Kg	6.0 - 7.0 Litres	4.6 - 5.6 Litres	5.2 - 6.2 Litres
12.5Kg	3.0 - 3.5 Litres	2.3 - 2.8 Litres	2.6 - 3.1 Litres

When applying to areas of high movement SBR Latex can be added to the gauging water to give some flexibility (approximately 1L per 25 Kg of Tanking Slurry) or alternatively, Hydro-flex.

### Can Tanking Slurry be plastered over?

Renovation plaster can be used directly on top of Tanking Slurry, but to improve adhesion we recommend first applying SBR Latex as

a bonding compound. Mix 1 part SBR Latex to 1 part water and apply directly to the cured tanking slurry. Allow the SBR Latex bonding compound to become tacky but not dry before applying Renovation Plaster as normal.

Do not use Gypsum Plaster in direct contact with Tanking Slurry. As an alternative to Renovation Plaster, Universal Mortar can be used. As can a 3:1 sand: cement mix. In this instance we recommend adding Renderproof to protect tanking slurry applications from damage upon impact.

### Can Tanking Slurry be applied over painted surfaces?

No. All surfaces must be free from existing coatings or contamination in the form of paint, laitance, dirt, oil and other loose materials.

### Can Tanking Slurry be applied to standard brickwork?

Yes but some substrate preparation is necessary. If the substrate is particularly porous we recommend applying SBR Latex at a 1:1 dilution with water. Key the surface and allow approx. 1 - 2 hours drying time. Universal Mortar should then be applied to the bricks as a scratch coat.

### After performing a DPC injection can I seal the walls using Tanking Slurry or will it affect the damp proof course?

The DPC will not be affected if Universal Mortar is first applied to the walls. Key the walls and then apply Tanking Slurry.

### Can I apply Tanking Slurry on a surface treated with a bituminous waterproofing coat?

No. The bituminous coating must first be completely removed and the surface prepared, as usual, for an application of Tanking Slurry.

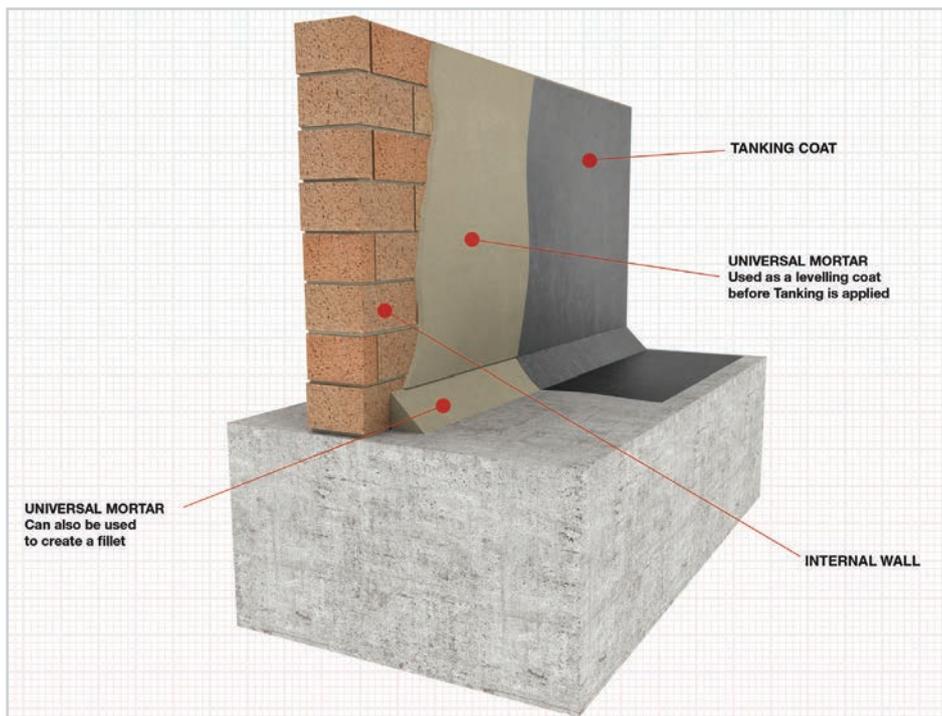
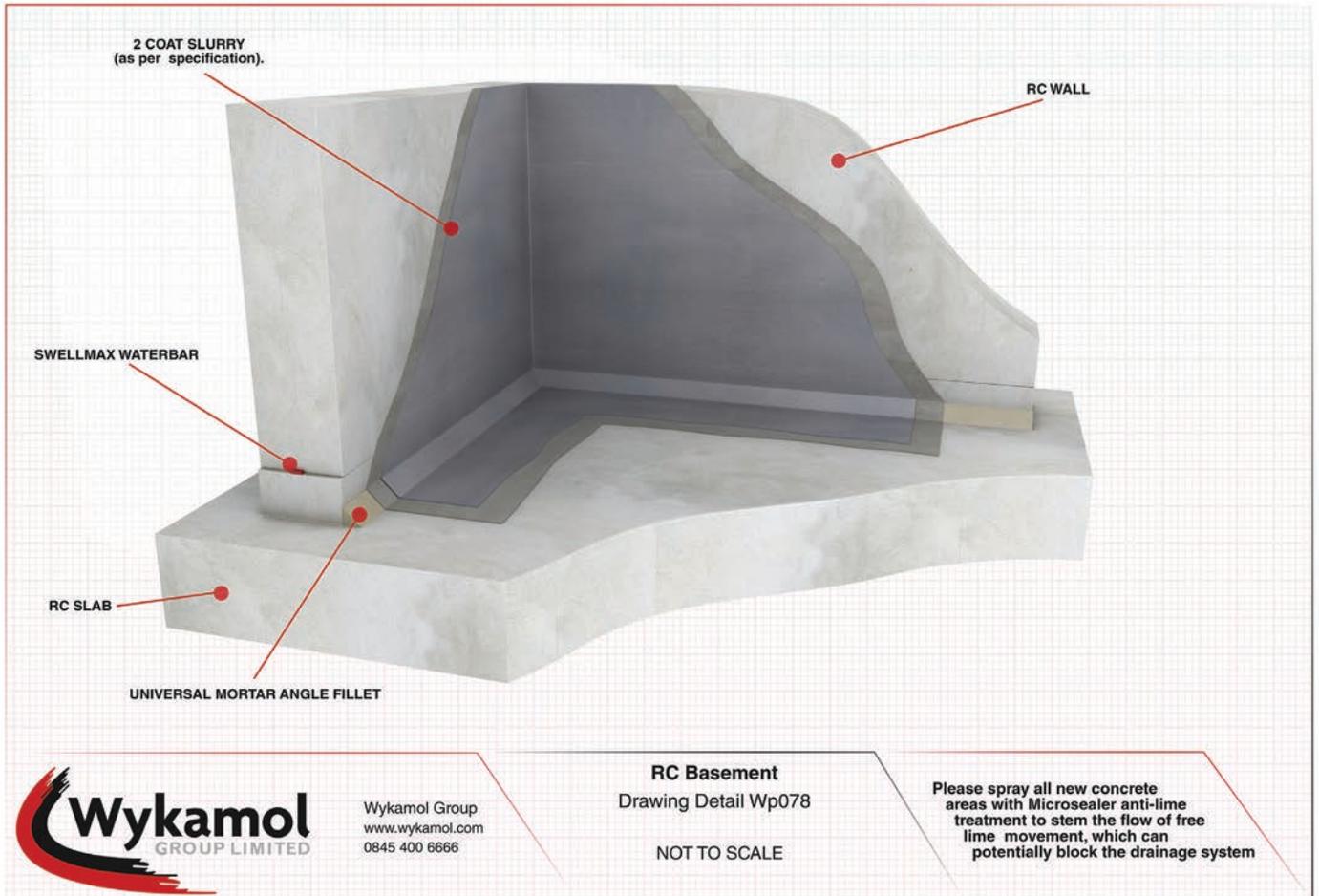
### Can I use a dot and dab application on top of Tanking Slurry?

Yes. Make sure you leave the Tanking Slurry to dry for at least 7 days before applying plaster boards. The traditional dot and dab method often leaves condensation patches on the plaster boards, as moisture from the dot and dab mixture cannot be absorbed back into the walls where Tanking Slurry has been applied, due to it's waterproofing properties. Instead use EVERBUILD Constructa-Pro Foam Adhesive to apply the plaster boards, as it is rot proof and moisture and temperature resistant from -40°C to 80°C.

### Should I use a salt inhibitor with Tanking Slurry?

No. As Tanking Slurry prevents the passage of water through a structure it also prevents the harmful salts, which are often absorbed in the water, from passing through too.

# TANKING SLURRY



## Please Note

If the construction is of a brickwork nature it is advisable to apply a coat of universal mortar first before commencing works using wykamol tanking slurry.

This is because the bedding material will be the weak point in the process, and unless deep bed repointing is carried out this could cause a failure point.

Universal mortar is a waterproof render system that will also Aid the tanking system.

## PACK SIZE AND COVERAGE

Tanking Slurry is supplied in the following pack sizes and packaging:

Pack Size	Product Code	Coverage
20 kg	NMDTANK20	up to 7m <sup>2</sup>
20 kg	NMDTANKBUCK20	up to 7m <sup>2</sup>

## COVERAGE RATES

Damp proofing applications: Up to 8.5 m<sup>2</sup>

Waterproofing applications: Up to 6 m<sup>2</sup>

## STORAGE & SHELF LIFE

Store in an upright position, under cover and away from high temperatures and open flames. Shelf life is 6 months from date of manufacture, when unopened, undamaged and stored correctly.

## HEALTH AND SAFETY

For further information and advice, please contact the Wykamol Technical Department and consult the safety data sheet, which is available upon request or can be downloaded from our website.



## ANCILLARY PRODUCTS

### UNIVERSAL MORTAR

Universal Mortar is a fibre reinforced, cementitious mortar which can be used for waterproofing, levelling and profiling and as a fillet at wall to floor and wall to wall junctions.



### SBR LATEX BONDING AGENT

A specially modified liquid latex which is compatible with any cement based mix. It may be incorporated into cementitious renders, screeds or patching mixes.



### RENOVATION PLASTER

Renovation Plaster is a fibre reinforced, lightweight, cementitious plaster to be used as part of a replastering specification after the application of a DPC.



### RENDERPROOF ADDITIVE

Renderproof is an additive designed for use in external and internal render coats to prevent the passage of water and residual salts, usually following the insertion of a DPC.



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