

PRO-BUILD TANKING SLURRY

Pro-Build Tanking Slurry should equate with the correct amount of water to around 16m² coverage with each coat. It is recommended to ensure complete coverage that you use two coats per surface.

Pro-Build Tanking Slurry is suitable for both internal and external surface and can also be used as a final render surface.

It is essential that all surfaces that the Tanking Slurry is applied to are clean and any timber and or fixings are removed from the surface prior to application.

All fixings to go on the surface should be carried out before tanking, as any that are done after will provide a release which will result in leakage of water.

As with most wall coatings surface preparation is essential although this can be time consuming. It is essential not only for the correct use of this product but also saving you time and money in the future. **Pro-Build** Tanking Slurry is only fully effective if all capillaries in the surface are suitably absorbent so to allow penetration of the relevant chemicals. All surfaces should be clean and free from all paints, oils, loose dust and any other contaminants.

Surface preparation is best carried out using high pressure water jetting or grit blasting. Water jetting is the better option as it has the advantage that complete saturation of the service is achieved, but sometimes the lack of drainage would render this option pointless.

Any large cracks present can be repaired using a 3:1 sand cement mortar used alongside SBR.

Any repaired areas can be coated after 24 hours but any large areas should be left at least 3 days (i.e. poured concrete, renders or completely new brickwork) to ensure complete curing.

Mixing

Pro-Build Tanking Slurry is to be mixed and used within 30 minutes @ 20°C so any excess that is mixed and not used within the allotted time will be wasted. The mix ratio that is recommended is approx 5.5-6 litres of fresh clean water per 25kg.

Powder must be added slowly to ensure a smooth lump free mixture.

Warning: If the mixture becomes stiff within the 30 minutes afore mentioned DO NOT re-mix with water but discard and mix fresh material.

Normal problems with damp and water ingress can usually be solved by applying two coats of **Pro-Build** Tanking Slurry over the entire surface area. The second coat should be applied at a different angle to the original coat as soon as the first coat becomes touch dry. The second coat must be applied within 24 hours of the original coat. In hot and dry conditions a fine mist of water should be sprayed over before the second coat is applied.

If applying with a brush use a medium hard short bristled brush. You can apply the second coat with a trowel to provide a dense polished finish.

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Mixing

It is important that you use no less than the minimum amount of Tanking Slurry per m² is applied and is essential that two coats are used to acquire complete water tightness.

Application

By brush: 1 – 1.5 kg per m² coat
By Trowel: 2 – 2.5 kg per m² coat
By spray 1.5 kg per m² coat

Fillets

In order to reduce the strength of negative water pressure at wall and floor joints it is advised that a fillet seal is used at internal points where walls and floors meet. If it is not possible to provide a fillet between wall and floor then a cut with a saw should be made diagonally where wall and floor meet as close to the wall as possible and then apply the Tanking Slurry and allow to flow into cut. It is stressed that **Pro-Build** Tanking Slurry performs far better when applied to a thoroughly dampened surface, on then is its maximum penetrative capabilities achieved. It is recommended that all dry surfaces be saturated with clean water around 24 hrs before and then re-wetted just prior to application.

Plastering and Rendering

Remedial plaster systems can be used over Tanking Slurry providing that the relevant bonding is applied prior to application of plaster (i.e. PVA on interior and SBR on exterior). Dilute bonding with an equal amount of water and apply directly to cured tanking and allow bonding to become tacky, NOT DRY. Plaster may then be applied as per usual.

Ventilation and Curing

De – humidifiers should under no circumstances be used immediately after the tanking has been applied as this would stop the curing. Moist conditions are required for at least a 3 day period, after this period you can then and only then contemplate using a de-humidifier to control condensation.

It is recommended that if possible ventilation is available, as not having this may cause condensation beads on the surface of the tanking.

Hardening and water tightness can be achieved as long as the product is not allowed to dry out too quickly, protection against excessively fast evaporation in hot conditions or strong winds. If this does happen it is imperative that you spray a light mist of water over the surface at regular intervals.

We endeavour to ensure that any advice, recommendation or information we may give in product literature is accurate and correct. However, we have no control over the circumstances in which our product is used and it is therefore important that the end user satisfy himself by prior testing that the product is suitable for his specific application and that the actual conditions of use are suitable. Accordingly, no responsibility can be accepted, or any warranty given by ourselves, our representatives, agents or distributors, other than that the product as supplied by us will meet our written specification. Products are sold subject to our standard conditions of sale and each purchaser and end user should at all times ensure that he has consulted our latest product instructions and safety information.

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