

# Technical Data Sheet

Date of compilation: 06/10/2018

## ARC TANKING KIT

### DESCRIPTION

Arc Tanking Kit 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. This multi-component system consists of a surface primer to ensure good adhesion to the substrate; a grey flexible waterproof coating to prevent the passage of moisture and super strong polyester matting to reinforce seams in joints around wall floor junctions and where piping enters and exists the wet zone. This provides a seamless, durable protective membrane to inhibit the passage of moisture from within the tiled area through to surfaces and structures which may be sensitive to the effects of prolonged water migration, such as plaster, render, plasterboards, tile backer boards, timber, suspended floors and plywood overlays. The Tanking Kit is flexible enough to accommodate any slight movement or vibration which may be expected under normal conditions of use in and around well constructed, structurally stable floors, walls, showers and utility fittings.



### SURFACE PREPARATION

New concrete or plaster surfaces should be allowed at least 6 weeks to adequately dry out before Tanking Kit is applied. Timber and boarded structures must be rigidly braced and sufficiently constructed to withstand anticipated loading without flexing, deformation or any movement around joints and seams. Timber floors and walls must also have sufficient ventilation from behind and below to avoid interstitial condensation. Surfaces to be coated must be clean, dry and free from oil, grease and any other contaminants. Seal all gaps, joints and cracks with Arc Multi Purpose Silicone or in wider gaps a suitable repair compound and then allow this to fully cure before proceeding. Ensure the finished surface is sufficiently level and even to accommodate a flat regular tiled finish and any floor surface inclines running to a drain point are true and ensure water flows off in the correct direction. When the wet-zone area is structurally sound, prime all surfaces (floors and walls) with a single coat of Arc Tilers Primer and then allow this to dry.

### APPLICATION METHOD

When the surface is adequately prepared and the primer coat has dried, Arc Tanking Paste should first be brush or roller applied generously around all horizontal and vertical joints, corners, cracks and seams in and around the backing surfaces and at the joints surrounding pipe penetrations and drainage gullies. Whilst this coating is still wet, press in the

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jointing tape along and bridged over the seam line around all surface joints and fittings and at the junction between different surface materials. When all the joints and edge seams are sufficiently sealed with jointing tape apply a second coat of Arc Tanking Paste to seal in the jointing tape where necessary. As the taped seams dry out use a brush or roller to apply an even and consistent coating over all exposed wall surfaces including the taped & sealed joints.

Once the wall area is treated, on any floor areas exposed to the most frequent wetting and trafficking i.e. below the shower point, apply a coat of Arc Tanking Paste across the floor and then cut to size (if necessary) and evenly press out the square metre of polyester matting, leaving no creases or wrinkles, whilst ensuring it accurately accommodates any drain points. When the polyester matting has dried into place, generously apply a second coat of Arc Tanking Paste over all previously laid polyester covered based and then out across all exposed and previously taped wall and floor joints within the defined wet-zone area. Allow 24 hours for Arc Tanking Paste to dry out and re-apply a fresh coat over any voids or areas where the first application has failed to achieve sufficient coverage.

### COVERAGE

Depends on the surface texture and porosity, however on a typical smooth, even surface Arc Tanking Paste will cover at about 2 - 3 square metres per litre. The pack as supplied is sufficient to cover 5 square metres which is equivalent to a single domestic shower cubicle.

### STORAGE & PACKAGING

Arc Tanking Kit is supplied with 1 litre of Arc Tilers Primer; 2.5 litres of Arc Tanking Paste; 10 linear metres of 100mm wide jointing tape and 1 square metre of polyester matting. Should more technical information be required, contact our technical department on +353 (0)402 32370.

### NOTE

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.

The user must ensure the product's suitability for the application intended and if in doubt should seek a written technical specification for the product's application.