

Specialized Construction Products Tankit Waterproofer

NZ_DA02899



Part A	19RX5014-10KG	Approvals	Tested to NZS 4858 Wet area membranes. Used as part of a BRANZ appraised system
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Product Overview
Tankit Waterproofer is a one component polymer rich cementitious material which is mixed with water to create a unique high build, low shrinkage membrane.

Features And Benefits	
<ul style="list-style-type: none"> High polymer content Fibre reinforced Versatile 	<ul style="list-style-type: none"> Helps to provide water barrier protection around penetrations Good shrinkage control and crack resistance Can be easily applied over a variety of prepared concrete and masonry backgrounds

Uses And Typical Specifications	
Uses	Tankit can be easily applied over a variety of properly prepared concrete and masonry backgrounds to produce a waterproof backing prior to the application of Specialized's wall claddings.

Performance Guide			
Weather	Excellent weather resistance when used as part of an approved Specialized Construction Products system.	Heat Resistance	Up to 60°C
Water	Resists rain and condensation when used as part of an approved Specialized Construction Products system.	Solvent	Solvent resistant
Abrasion	Resists abrasion when used as part of an approved Specialized Construction Products system.		

Typical Properties																											
V.O.C Content	<1 g/L	Full Cure (25C, 50% R.H)	48 Hours																								
Clean Up	Water - immediately after use.	Sizes	10kg																								
Application Method	  Brush Roller Other: Nap roller.																										
Application Conditions	<table border="1"> <tr> <td>Solids By Volume</td> <td>100</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Min</td> <td>Max</td> <td>Recommended</td> </tr> <tr> <td>Wet Film Per Coat (microns)</td> <td>800</td> <td>1000</td> <td></td> </tr> <tr> <td>Dry Film Per Coat (microns)</td> <td>800</td> <td>1000</td> <td></td> </tr> <tr> <td>Recoat Time (min)</td> <td>8 Hours</td> <td>Indefinite</td> <td></td> </tr> <tr> <td>Theoretical Spread Rate (m²/L)</td> <td>1.25</td> <td>1</td> <td></td> </tr> </table>	Solids By Volume	100				Min	Max	Recommended	Wet Film Per Coat (microns)	800	1000		Dry Film Per Coat (microns)	800	1000		Recoat Time (min)	8 Hours	Indefinite		Theoretical Spread Rate (m²/L)	1.25	1			
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Typical Properties Notes	Coverage: Approximately 1.5-2.0m ² per litre per coat. Dependent on application rate. Curing time of Tankit will vary due to ambient temperature, relative humidity, surface temperature, surface porosity, application methods, and/or the thickness of the material. Although this plaster contains cement and will not fully cure for 28 days; finish coats can be applied after a minimum drying time of approximately 48 hours at 20°C.																										

Application Guide	
Surface Preparation	<ul style="list-style-type: none"> Any EPS (Expanded Polystyrene) that has been directly adhered to the concrete or masonry substrate must be rasped and free of all bond-inhibiting materials, including but not limited to dust, oxidation and dirt. <p>The substrate to which Tankit is to be applied must be installed in strict accordance with the manufacture's specifications and recommended installation procedures. For concrete/masonry substrates the suppliers required curing time must be allowed after installation to ensure the joints in the substrate have completed cured, shrunk, and stabilized. All solid concrete substrates must be fully cured and dry. New concrete must be at least 21 days old prior to the application of any render product.</p> <p>Surface imperfection such as blowholes, large cracks and spalling must be patched and levelled to the required tolerances and flatness with Specialized render materials before this product is applied. All nibs, protrusions and excess mortar on the surface of the bricks or irregularities in the slab must be ground off prior to plastering .</p> <p>All surfaces must be clean and free of debris, dirt and dust, efflorescence, grease, oils, curing agents, cleaning solutions, asphalt, mastic, latex compounds, adhesive, gypsum based compounds, mould and algae or any other contaminants that may affect adhesion. Deeply contaminated substrates must be abraded to provide a clean sound surface. All loose or damaged material must be removed by water blasting, captive shot blasting, or mechanical wire brushing and then washed down before rendering commences.</p> <p>Painted or glossy surfaces such as power floated concrete must be specially primed, acid etched or mechanically abraded prior to the application of any render.</p> <p>All cracks that may be the subject to ongoing movement must be correctly repaired and reinforced.</p> <p>Tilt slab and other precast concrete items should be chemically cleaned with a water blaster and left to dry to ensure any mould release agents are removed before Tankit Waterproofing is applied. .</p> <p>Where Tankit Waterproofing is being applied over an existing acrylic coating, it is crucial that the previous system is well adhered to the substrate. The existing coat must be well cleaned and checked for adhesion prior to the Tankit Waterproofing being used.</p>
Application Procedure And Equipment	<ul style="list-style-type: none"> Tankit must be applied in 2 coats and must have a minimum dry thickness of 800micrometres. Where the product is being used to bridge the gap between different substrate or there is potential for ongoing movement in the substrate, Tankit must be reinforced with either chopped strand fibreglass cloth or soft mesh with an aperture size of no greater than 4x4mm weighing 150g/m2 between the first and second layers. All adjoining layers of fibreglass must overlap by a minimum of 50mm and care must be taken to ensure that all the material is well coated with Tankit Application is made with a medium nap roller, using a brush for corners and up-stands etc. The first coat of Tankit should be applied as a heavy coat approximately 1mm thick at a width of 50mm greater than the width of the reinforcing cloth. Tankit must completely hide the reinforcing fabric when dry. It is important to ensure the reinforcing material is completely wetted out. It is acceptable to put more wet Tankit over the surface of the wet fabric. Alternatively re-apply additional base coat material if necessary to achieve the minimum thickness as soon as the first application is dry. <p>For full system details refer to the Specialized installation guide.</p>

Health And Safety			
MSDS Number	DLXNZLEN003953	Using Safety Precautions	For detailed information refer to product label and the current Material Safety Data Sheet available through Specialized Construction Products Sales and Customer Service Offices.
MSDS Link	https://go.lupinsys.com/duluxgroup/harms/pm/28263f34cf104913c2855db8724ff964-published/attachment/nz-sds.pdf		
Health Effects	Causes severe skin burns and eye damage. May cause respiratory irritation.	Protective Equipment	Wear safety shoes, overalls, gloves, safety glasses, dust mask.
Storage	Keep out of reach of children. Store for no longer than 6 in a dry, well-ventilated area and off the floor. Product must be protected from the weather and from mechanical damage.Store away from foodstuffs.	Disposal	Do not contaminate storm-water with product or product washings. Do not pour product down the drain. Unwanted product should be brushed out on newspaper, allowed to dry and then disposed of via domestic waste collection. Check with your local council first.
Handling	Avoid eye and skin contact. Avoid inhalation of dust.		
In the case of emergency, please call 0800 734 607			

Precautions And Limitations

Ensure all surface preparation instruction are followed.

All freshly applied material must be weather protected for a minimum of 24 hours after application. Exposure of applied product to rain, snow, dew, or other inclement weather conditions, direct hard sunlight or sources of heat while it is curing may have a detrimental effect on the finish.

This system must not be used in situations where water may pond. A minimum slope of 10° is required on all sills and copings. It is also not suitable for vehicular traffic or for use below ground.

Particular attention to detail and workmanship must be given to the weatherproofing details contained in the technical literature relating to flashing and sealing building penetrations or junctions with other building materials. This system is not designed as a waterproofing element for junctions between dissimilar materials. Its job is to provide a waterproof backing for the application of a subsequent, crack resistant surface coating. All junctions between masonry/brick substrates or poured concrete surfaces and dissimilar materials must be correctly flashed with appropriate metal or PVC flashings and sealed with MS Silaflex or another approved equivalent. The MS sealant must be installed in strict accordance with the manufacturer's requirements and must be left to properly cure prior to plastering.

Construction Joints must be provided according to the brick/block manufacturers design criteria. All construction joints must be in place and must be waterproof prior to the commencement of plastering

- DO NOT apply Tankit Waterproofor when the ambient of surface temperature is below 8°C or above 30°C or will be in the range for the 24-hour-period
- DO NOT over-water, over mix, or remix aged Tankit Waterproofor with additional water.
- DO NOT mix more Tankit Waterproofor than you can use in 45 minutes.
- DO NOT use Tankit Waterproofor that has been mixed for more than one hour.
- DO NOT apply Tankit Waterproofor to wooden surfaces.
- DO NOT apply Tankit Waterproofor over wet, frozen or frost affected surfaces.
- DO NOT apply Tankit Waterproofor where it will be subjected to permanent immersion or where ponding will occur.
- DO NOT reactivate Tankit Waterproofor with water once it has begun to set.
- DO NOT wet the substrate prior to the application of Tankit Waterproofor.
- DO NOT apply Tankit Waterproofor unless the substrate has been properly cleaned, primed and prepared.
- DO NOT wet down masonry surface before priming
- DO NOT apply Tankit Waterproofor to surfaces that are wet from overnight dew.

Transport And Storage

Pack A	19RX5014	Shipment Name	Not dangerous goods. No special transport requirements.
Size	10kg	Weight	10kg
Flash Point	N/A	UN Number	N/A
Dangerous Goods Class	N/A	Package Group	N/A

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