

## Specialized Construction Products Pourite

NZ\_DA02915

Part A	19RX5009-20KG
--------	---------------

### Product Overview

Pourite is a floor levelling single component polymer-rich cementitious material which is mixed with clean potable water on-site and used to create low shrinkage, strong-flowing and self-smoothing plaster.

### Features And Benefits

- Polymer-rich
- Self levelling
- Applications up to 10mm thick
- Multiple applications possible
- Quick return to service\*
- Low shrinkage & easily to apply over a variety of prepared concrete and masonry surfaces.
- Smooths unven surfaces
- Fills cracks and smooths imperfections
- Can level highly uneven surfaces
- Fast project completion

### Uses And Typical Specifications

<b>Uses</b>	Pourite can be easily applied over a variety of properly prepared concrete and masonry surfaces or under-floor heating wires to produce a smooth level surface. Pourite is highly trafficable in its own right and can be covered by tiles, vinyl, carpet or other floor coverings. Pourite is also suitable for exterior use.
-------------	--

### Performance Guide

<b>Weather</b>	Exterior durable	<b>Heat Resistance</b>	Up to 60°C
<b>Solvent</b>	Solvent resistant	<b>Abrasion</b>	Highly trafficable

### Typical Properties

<b>Technology Type</b>	Cementitious plaster	<b>V.O.C Content</b>	<1 g/L																								
<b>Full Cure (25C, 50% R.H)</b>	24 Hours	<b>Clean Up</b>	Water - immediately after use.																								
<b>Sizes</b>	20kg																										
<b>Application Method</b>	Other: Pouring & moved by spreader, rake, trowel or spiked roller																										
<b>Application Conditions</b>	<table border="0"> <tr> <td><b>Solids By Volume</b></td> <td>100</td> <td></td> <td></td> </tr> <tr> <td></td> <td><b>Min</b></td> <td><b>Max</b></td> <td><b>Recommended</b></td> </tr> <tr> <td><b>Wet Film Per Coat (microns)</b></td> <td>1500</td> <td>10000</td> <td></td> </tr> <tr> <td><b>Dry Film Per Coat (microns)</b></td> <td>1500</td> <td>10000</td> <td></td> </tr> <tr> <td><b>Recoat Time (min)</b></td> <td>4 Hours</td> <td>Indefinite</td> <td></td> </tr> <tr> <td><b>Theoretical Spread Rate (m<sup>2</sup>/L)</b></td> <td>0.67</td> <td>0.1</td> <td></td> </tr> </table>	<b>Solids By Volume</b>	100				<b>Min</b>	<b>Max</b>	<b>Recommended</b>	<b>Wet Film Per Coat (microns)</b>	1500	10000		<b>Dry Film Per Coat (microns)</b>	1500	10000		<b>Recoat Time (min)</b>	4 Hours	Indefinite		<b>Theoretical Spread Rate (m<sup>2</sup>/L)</b>	0.67	0.1			
<b>Solids By Volume</b>	100																										
	<b>Min</b>	<b>Max</b>	<b>Recommended</b>																								
<b>Wet Film Per Coat (microns)</b>	1500	10000																									
<b>Dry Film Per Coat (microns)</b>	1500	10000																									
<b>Recoat Time (min)</b>	4 Hours	Indefinite																									
<b>Theoretical Spread Rate (m<sup>2</sup>/L)</b>	0.67	0.1																									
<b>Typical Properties Notes</b>	<p>Coverage: Approximately 1.5kg/m<sup>2</sup>/mm.</p> <p>Curing time of Pourite will vary due to ambient temperature, relative humidity, surface temperature, surface porosity,application methods, and/or the thickness of the material. All freshly applied material must be protected for a minimum of 24 hours after application. Pourite SLC must be sufficiently cured before applying any floor finishes or coverings.</p>																										

Application Guide	
<b>Surface Preparation</b>	<ul style="list-style-type: none"> <li>The substrate to which Pourite 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.</li> </ul> <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 rendering.</p> <p>All surfaces must be clean and free of debris, dirt and dust, efflorescence, grease, oils, curing agents, cleaning solutions, 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>
<b>Application Procedure And Equipment</b>	<ul style="list-style-type: none"> <li><b>MIXING:</b> Add approximately 4.5 litres of clean water to a clean bucket and then while stirring slowly add the 20kg bag of Pourite should be mixed with a heavy duty electric drill powering a high shear stirrer at approximately 600 r.p.m. The product should be mixed for a minimum of 2 minutes or long enough to provide a smooth lump-free blend. If foaming and streakiness appear on the top of the mixed product, the SLC has been over watered and should not be placed on the substrate.</li> </ul> <p>Priming is crucial prior to the application of Pourite. Failing to properly prime the floor will lead to reduced adhesion, reduced flow and greatly increase the incidence of pin-holing in the finished product. Pourite Primer should be applied directly from the container and must not be diluted. The primer can be applied either with a traditional paint brush, medium nap roller or broom and will cover approximately 15-20m<sup>2</sup> per litre. The approximate drying time of the primer is 40-60 minutes at 50% relative humidity and 20°C.</p> <p>If concrete surface has a moisture content greater than 5.5% or is the subject of rising damp or moisture, a moisture barrier must be applied prior to the application of the Pourite. Do not apply Pourite to surfaces that are wet from rain or overnight dew.</p> <p>Once the surface to be coated has been well primed and the whole area is clean and dry, pouring can commence. As the product is poured move it into position with an appropriate spreader, rake, trowel or spiked roller and allow the material to seek its own level. If you are working by yourself try to mix enough material to cover the entire surface area to be coated. Alternatively, ensure more bags are being mixed by an additional team member while the product is being poured. The potential for lapping lines will be greatly reduced if a continuous wet edge is maintained throughout the entire pour. To improve flow and the surface finish, remove air from the still wet compound using a spiked roller.</p> <p>Unextended Pourite can be applied from 1.5mm up to a maximum of 10mm in a single application. To ensure the product remains as free flowing as possible the minimum application thickness must be greater than 2mm.</p> <p>When additional thickness is required, Pourite may be layered up to 10mm thick without the addition of aggregate. Any subsequent layer may be applied directly over the surface as soon as it will support foot traffic or alternatively the Self-Levelling Floor Compound should be left for a minimum of 48 hours to cure to allow the majority of the initial cure of the cement to take place before more product is placed over its surface. If more than 5 hours has passed before the new material is applied the underlying surface of Pourite must be reprimed to prevent pinhole defects from forming. Pourite can be economically extended with a graded aggregate to fill greater depths. If it is extended it will, however, no longer be self-levelling</p> <p>Apply render only when the temperature is between 10°C and 30°C.</p> <p>For full system details refer to the Specialized installation guide.</p>

Health And Safety			
<b>MSDS Number</b>	DLX003948	<b>Using Safety Precautions</b>	For detailed information refer to product label and the current Material Safety Data Sheet available through Specialized Construction Products Sales and Customer Service Offices.
<b>MSDS Link</b>	<a href="https://go.lupinsys.com/duluxgroup/harms/pm/0407d6ccaceaca303470fa5318e79c17-published/attachment/nz-sds.pdf">https://go.lupinsys.com/duluxgroup/harms/pm/0407d6ccaceaca303470fa5318e79c17-published/attachment/nz-sds.pdf</a>		
<b>Health Effects</b>	Causes severe skin burns and eye damage. May cause respiratory irritation.	<b>Protective Equipment</b>	Wear safety shoes, overalls, gloves, safety glasses, dust mask.
<b>Storage</b>	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.	<b>Disposal</b>	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.
<b>Handling</b>	Avoid eye and skin contact. Avoid inhalation of dust.		
<b>In the case of emergency, please call 0800 734 607</b>			

**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.

The smooth plaster will not cover up background imperfections, particularly when walls are subject to side lighting at certain times of the day

- DO NOT over-water, over mix, or remix aged Pourite with additional water.
- DO NOT mix more Pourite than you can use in 45 minutes.
- DO NOT use Pourite that has been mixed for more than one hour.
- DO NOT apply Pourite to wooden surfaces.
- DO NOT apply Pourite over wet, frozen or frost affected surfaces.
- DO NOT apply Pourite where it will be subjected to permanent immersion or where ponding will occur.
- DO NOT reactivate Pourite with water once it has begun to set.
- DO NOT wet the substrate prior to the application of Pourite.
- DO NOT apply Pourite unless the substrate has been properly cleaned, primed and prepared

**Transport And Storage**

<b>Pack A</b>	19RX5009	<b>Shipment Name</b>	Not dangerous goods. No special transport requirements.
<b>Size</b> 20kg	<b>Weight</b> 20kg		
<b>Flash Point</b>	N/A	<b>UN Number</b>	N/A
<b>Dangerous Goods Class</b>	N/A	<b>Package Group</b>	N/A

**Disclaimer**

Dulux, Selleys and Other marks followed by ® are registered trademarks. Marks followed by the symbol of ™ are trademarks.

The data provided within the Duspec system is correct at the time of publication, however it is the responsibility of those using this information to check that it is current prior to specifying or using any of these coating/product systems.

DISCLAIMER: Any advice, recommendation, information, assistance or service provided by any of the divisions of DuluxGroup (New Zealand) Pty Ltd or its related entities (collectively, DuluxGroup) in relation to goods manufactured by it or their use and application is given in good faith and is believed by DuluxGroup to be appropriate and reliable. However, any advice, recommendation, information, assistance or service provided by DuluxGroup is provided without liability or responsibility PROVIDED THAT the foregoing shall not exclude, limit, restrict or modify the right entitlements and remedies conferred upon any person or the liabilities imposed upon DuluxGroup by any condition or warranty implied by Commonwealth, State or Territory Act or ordinance void or prohibiting such exclusion limitation or modification. Coating/product systems can be expected to perform as indicated on the Duspec Spec Sheet so long as applications and application procedures of the individual products are followed as recommended on the appropriate Product data Sheet. "DuluxGroup" "Dulux" "Selleys" "Berger" "Berger Gold Label" "Hadrian" "Walpamur" "Levene" "Acratex" and Other marks followed by ® are registered trademarks. Marks followed by the symbol ™ are trademarks.

Please note that this document is only valid for 60 days from the date of issue.

DuluxGroup (New Zealand) Pty Ltd 150 Hutt Park Road NZ ACN 133 404 118