

Specialized Construction Products PouriteMax

NZ_DA02917

Part A	19RX5010-20KG
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Product Overview

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

Features And Benefits

- Can be applied up to 30mm in one coat.
- Polymer-rich
- Self levelling
- Multiple applications possible
- Quick return to service*
- Fills deep imperfections and cracks
- Low shrinkage & easily to apply over a variety of prepared concrete and
- Smooths highly unven surfaces
- Can level highly uneven surfaces with less coats
- Fast project completion

Uses And Typical Specifications

Uses PouriteMax 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. PouriteMax is highly trafficable in its own right and can be covered by tiles, vinyl, carpet or other floor coverings. PouriteMax is also suitable for exterior use.

Performance Guide

Weather	Exterior Durable	Heat Resistance	Up to 60°C
Solvent	Solvent resistant	Abrasion	Highly trafficable

Typical Properties

V.O.C Content	<1 g/L	Full Cure (25C, 50% R.H)	24 Hours																								
Clean Up	Water - immediately after use.	Sizes	20kg																								
Application Method	Other: Pouring & moved by spreader, rake, trowel or spiked roller																										
Application Conditions	<table border="1"> <thead> <tr> <th>Solids By Volume</th> <th>100</th> <th></th> <th></th> </tr> <tr> <th></th> <th>Min</th> <th>Max</th> <th>Recommended</th> </tr> </thead> <tbody> <tr> <td>Wet Film Per Coat (microns)</td> <td>1500</td> <td>30000</td> <td></td> </tr> <tr> <td>Dry Film Per Coat (microns)</td> <td>1500</td> <td>30000</td> <td></td> </tr> <tr> <td>Recoat Time (min)</td> <td>4 Hours</td> <td>Indefinite</td> <td></td> </tr> <tr> <td>Theoretical Spread Rate (m²/L)</td> <td>0.67</td> <td>0.03</td> <td></td> </tr> </tbody> </table>	Solids By Volume	100				Min	Max	Recommended	Wet Film Per Coat (microns)	1500	30000		Dry Film Per Coat (microns)	1500	30000		Recoat Time (min)	4 Hours	Indefinite		Theoretical Spread Rate (m ² /L)	0.67	0.03			
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Typical Properties Notes	<p>Coverage: Approximately 30 m² x mm per 20kg bag of PouriteMax. Dependent on application rate.</p> <p>Curing time of PouriteMax 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. PouriteMax must be sufficiently cured before applying any floor finishes or coverings.</p>																										

Application Guide	
Surface Preparation	<ul style="list-style-type: none"> The substrate to which PouriteMax 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>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>
Application Procedure And Equipment	<ul style="list-style-type: none"> MIXING: Add approximately 4.5 litres of clean water to a clean bucket and then while stirring slowly add the 20kg bag of PouriteMax 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. <p>Priming is crucial prior to the application of PouriteMax. 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. PouriteMax 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- 20m² per litre. The approximate drying time of the primer is 40-60 minutes at 50% relative humidity and 20°C. 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 PouriteMax. Do not apply PouriteMax 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>PouriteMax can be applied from 1.5mm up to a maximum of 30mm in a single application. To ensure the product remains as free flowing as possible the minimum application thickness must be greater than 2mm. 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 PouriteMax must be reprimed to prevent pinhole defects from forming.</p> <p>Apply render only when the temperature is between 10°C and 30°C. For full system details refer to the Specialized installation guide.</p>

Health And Safety			
MSDS Number	DLX003949	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/5fa71593583f431741573ec74e1f6640-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

*Walkable after approximately 4 hours at 20°C. Ready for covering when it is dry or approximately 24 hrs per 3mm thickness @ 20°C and @ 65% RH

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

Transport And Storage

Pack A	19RX5010	Shipment Name	Not dangerous goods. No special transport requirements.
Size 20kg	Weight 20kg		
Flash Point	N/A	UN Number	N/A
Dangerous Goods Class	N/A	Package Group	N/A

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