

Specialized Construction Products Ultrafine Finish

NZ_DA02937

Part A	19RX5028-20KG
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Product Overview

Specialized Construction Products Ultrafine Finish is a mix of aggregates, cements, proprietary ingredients and fibre combined to produce a very fine cement based finish.

Features And Benefits

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| <ul style="list-style-type: none"> • Contains fine aggregate • Polymer modified cement based plaster • Fibre reinforced | <ul style="list-style-type: none"> • Smooth uniform finish • Good adhesion to a variety of masonry surfaces • Good shrinkage control and crack resistance |
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Uses And Typical Specifications

Uses	Ultrafine Finish creates an outstanding smooth texture similar to an unfinished tilt slab. Can be applied up to 2mm per coat
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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)	24 Hours																									
Clean Up	Water - immediately after use.	Sizes	20kg																									
Application Method	 Trowel																											
Application Conditions	<table border="1"> <thead> <tr> <th>Solids By Volume</th> <th>100</th> <th>Min</th> <th>Max</th> <th>Recommended</th> </tr> </thead> <tbody> <tr> <td>Wet Film Per Coat (microns)</td> <td></td> <td>1000</td> <td>2000</td> <td></td> </tr> <tr> <td>Dry Film Per Coat (microns)</td> <td></td> <td>1000</td> <td>2000</td> <td></td> </tr> <tr> <td>Recoat Time (min)</td> <td>8 Hours</td> <td></td> <td>Indefinite</td> <td></td> </tr> <tr> <td>Theoretical Spread Rate (m²/L)</td> <td>1</td> <td></td> <td>0.5</td> <td></td> </tr> </tbody> </table>	Solids By Volume	100	Min	Max	Recommended	Wet Film Per Coat (microns)		1000	2000		Dry Film Per Coat (microns)		1000	2000		Recoat Time (min)	8 Hours		Indefinite		Theoretical Spread Rate (m ² /L)	1		0.5			
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Typical Properties Notes	Coverage: Approximately 10m ² per 20kg bag. Dependent on application rate. Curing time of Ultrafine Finish 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"> The substrate to which Ultrafine Finish 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>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>
Application Procedure And Equipment	<ul style="list-style-type: none"> MIXING: Add approximately 5.5 litres of clean water to a clean bucket and then while stirring slowly add the 20kg bag of Ultrafine Finish. Ultrafine Finish 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. The consistency should be such that the material holds its shape when a finger is run through the surface. Let the mix stand for 5 minutes and give it a quick re-stir before application and adjust the final consistency. <p>Ultrafine Finish has to be trowelled over properly prepared and reinforced backgrounds that have been prepared with two coats of Specialized Construction Products' Float Finish. An Acratex Dulux paint system must be used over the surface of Ultrafine Finish to ensure the chosen products weather resistant and to give the desired finish colour to exterior walls.</p> <p>Apply render only when the temperature is between 5°C and 30°C.</p> <p>For full system details refer to the Specialized installation guide.</p>

Health And Safety			
MSDS Number	DLX003967	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/2f7cb017747590607f8a4a4a55e2b601-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
<p>Ensure all surface preparation instruction are followed.</p> <p>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.</p> <p>The smooth plaster will not cover up background imperfections, particularly when walls are subject to side lighting at certain times of the day</p> <ul style="list-style-type: none"> DO NOT over-water, over mix, or remix aged Ultrafine Finish with additional water. DO NOT mix more Ultrafine Finish than you can use in 45 minutes. DO NOT use Ultrafine Finish that has been mixed for more than one hour. DO NOT apply Ultrafine Finish to wooden surfaces. DO NOT apply Ultrafine Finish over wet, frozen or frost affected surfaces. DO NOT apply Ultrafine Finish where it will be subjected to permanent immersion or where ponding will occur. DO NOT reactivate Ultrafine Finish with water once it has begun to set. DO NOT wet the substrate prior to the application of Ultrafine Finish. DO NOT apply Ultrafine Finish unless the substrate has been properly cleaned, primed and prepared.

Transport And Storage			
Pack A	19RX5028	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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