

Specialized Construction Products Precast Skimming Compound

NZ_DA02909

Part A	19RX5015-15KG
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Product Overview

Precast Skimming Compound is a preblended, cement-based plaster that can be easily applied to provide a sandable, permanent finish to dense concrete surfaces prior to the application of a chosen paint system.

Features And Benefits

- Fine patching plaster
- Sandable finish
- Smooths out minor surface irregularities
- Produces a smooth even surface for top coating


Uses And Typical Specifications

Uses Precast Skimming Compound designed to fill pin holes, small surface cracks and other minor surface irregularities that occur during the fabrication of tilt slab panels and other precast concrete structures.

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.																										
Application Method	 Trowel																										
Application Conditions	<table border="0"> <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>300</td> <td>500</td> <td></td> </tr> <tr> <td>Dry Film Per Coat (microns)</td> <td>300</td> <td>500</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>3.33</td> <td>2</td> <td></td> </tr> </table>	Solids By Volume	100				Min	Max	Recommended	Wet Film Per Coat (microns)	300	500		Dry Film Per Coat (microns)	300	500		Recoat Time (min)	8 Hours	Indefinite		Theoretical Spread Rate (m²/L)	3.33	2			
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Typical Properties Notes	Coverage: Approximately 10-15m ² per 15kg bag. Dependent on application rate. Curing time of Precast Skimming Compound 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 precast panels must be installed in strict accordance with the manufacturer's specifications and recommended engineering installation procedures. The manufacturer's required curing time must be allowed after placement of the precast panels to ensure the walls have stabilised. The finished appearance of the wall is very dependent on the standard of the wall construction. All precast panels must be formed true and even and finished to the NZS 3114 F5 standard. The surface deviation is to be no greater than $\pm 3\text{mm}$ per 1200mm radius. If the concrete has been chemically modified or release agents applied, this may affect the adhesion of the applied plaster system. Before plastering commences confirm that appropriate surface cleaning has taken place All concrete surfaces shall be clean and dry and any defects, holes or chips deeper than 2mm must be patched with Specialized's Fine Mesh Coat or another appropriate Specialized alternative prior to skimming. All lifting lugs in the tilt slab should also be refilled with Specialized's Masonry Levelling Compound and left to dry before they are skim coated. Ensure the concrete and any repairs are cured before the skimming application commences. <p>Construction Joints must be provided according to the panel manufacturers design criteria. All construction joints must be in place and must be waterproof prior to the commencement of plastering. All nibs, protrusions and excess mortar on the surface of the panels or irregularities in the slab must be ground off prior to plastering. All joinery must be installed with air seals to comply with the manufacturer's technical details.</p> <p>Painted or glossy surfaces must be specially treated prior to the application of any plaster material, please refer to Specialized Construction Products for specialist advice before you proceed. All cracks that may be the subject to ongoing movement must be correctly repaired and reinforced. Some smooth, dense concrete surfaces such as poured in situ concrete must be specially prepared prior to the application of any plaster to ensure a suitable bond is created. Please refer to Specialized Construction Products for specialist advice before you proceed.</p> <p>The substrate to which Precast Skimming Compound 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>
Application Procedure And Equipment	<ul style="list-style-type: none"> MIXING: Add approximately 3.75 litres of clean water to a clean bucket and then while stirring slowly add the 15kg bag of Precast Skimming Compound. Precast Skimming Compound 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>Apply a tight coat of Precast Skimming Compound to the entire surface of the panel ensuring a wet edge is always kept between successive sweeps.</p> <p>Precast Skimming Compound can be sanded with P180 grit sand paper up to 72 hrs after it has hardened to achieve a smooth defect free background which can be painted. The longer the product is left to harden the harder it becomes to sand.</p> <p>For full system details refer to the Specialized installation guide.</p>

Health And Safety

MSDS Number	DLX003954	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/dcf94703570db8e6fb2783d040f0356-published/attachment/nz-sds.pdf		
Health Effects	Causes severe skin burns and eye damage. May cause respiratory irritation.	Personal	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.

- DO NOT over-water, over mix, or remix aged Precast Skimming Compound with additional water.
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- DO NOT mix more Precast Skimming Compound than you can use in 45 minutes.
- DO NOT use Precast Skimming Compound that has been mixed for more than one hour.
- DO NOT apply Precast Skimming Compound to wooden surfaces.
- DO NOT apply Precast Skimming Compound over wet, frozen or frost affected surfaces.
- DO NOT apply Precast Skimming Compound where it will be subjected to permanent immersion or where ponding will occur. A minimum slope of 10° is required on all sills and copings.
- DO NOT reactivate Precast Skimming Compound with water once it has begun to set.
- DO NOT wet the substrate prior to the application of Precast Skimming Compound.
- DO NOT apply Precast Skimming Compound unless the substrate has been properly cleaned, primed and prepared

Transport And Storage

Pack A	19RX5015-15Kg	Shipment Name	Not dangerous goods. No special transport requirements.
Size		Weight	
15kg		15kg	
Flash Point	N/A	UN Number	N/A
Dangerous Goods Class	N/A	Package Group	N/A

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