

Specialized Construction Products Masonry Levelling Compound

NZ_DA02844

Part A	19RX5007-18KG
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Product Overview

Masonry Levelling Compound (MLC) is a preblended, cement-based render that can be easily applied as a single levelling/flanking coating to concrete blocks, bricks, and other masonry backgrounds to produce a high quality even and true surface.

Features And Benefits

- Can be applied up to 50mm in one coat.
- Excellent adhesion
- Fibre reinforced
- Excellent base coat for subsequent levelling and finishing
- Very good adhesion to masonry/concrete substrate
- Good shrinkage control and strength



Uses And Typical Specifications

Uses Levelling coat for concrete block, brick walls, in-situ or pre-cast concrete, and other masonry surfaces.

Performance Guide

Weather	Excellent weather resistance when used as part of an approved Specialised Construction Products system.	Heat Resistance	Up to 60°C
Water	Resists rain and condensation when used as part of an approved Specialised Construction Products system.	Solvent	Solvent resistant
Abrasion	Resists abrasion when used as part of an approved Specialised 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	18 KG																								
Application Method	  Trowel Hopper Gun																										
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>4000</td> <td>50000</td> <td></td> </tr> <tr> <td>Dry Film Per Coat (microns)</td> <td>4000</td> <td>50000</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>0.25</td> <td>0.02</td> <td></td> </tr> </table>	Solids By Volume	100				Min	Max	Recommended	Wet Film Per Coat (microns)	4000	50000		Dry Film Per Coat (microns)	4000	50000		Recoat Time (min)	8 Hours	Indefinite		Theoretical Spread Rate (m²/L)	0.25	0.02			
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Typical Properties Notes	Coverage: Approximately 4m ² per 20Kg bag. Dependent on application rate. Curing time of Masonry Levelling 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 substrate to which the chosen product 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 stabilised. 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 Specialised 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> <p>All very porous surfaces should be sealed with an appropriate paint sealer prior to the application of the plaster.</p>
Application Procedure And Equipment	<ul style="list-style-type: none"> APPLICATION <p>Apply by towel or plastering pump.</p> <p>Product must be applied not less than 4mm thick and up to 50mm.</p> <p>If pointing between bricks is in poor condition or if the dwelling is subject to excessive movement a layer of 160g fibreglass mesh with a minimum aperture of 8 x 8 mm can be embedded into the Masonry Levelling Compound. All stress point should be reinforced with butterflies of mesh.</p> <p>Apply render only when the temperature is between 5°C and 30°C. Once applied the render should be floated or screed flat to achieve a level plane which is free of deviations. Once dry the surface can be sanded flat using a longboard or scraped with a broad-knife to remove any ridges or minor bumps.</p>

Health And Safety			
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.	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> <ul style="list-style-type: none"> DO NOT overwater, over mix, or remix aged render with additional water. DO NOT mix more plaster than you can use in 45 minutes. DO NOT use render that has been mixed for more than one hour. DO NOT apply at higher than 50mm application rates. Any areas that require greater than a 50mm application must be completed in several coats following correct drying and recoat times. DO NOT apply Masonry Levelling Compound to wooden surfaces. DO NOT apply Masonry Levelling Compound over wet, frozen or frost affected surfaces. DO NOT apply Masonry Levelling Compound where it will be subjected to permanent immersion or where ponding will occur. DO NOT reactivate Masonry Levelling Compound with water once it has begun to set. DO NOT wet the substrate prior to the application of this material. DO NOT apply Masonry Levelling Compound unless the substrate has been properly cleaned, primed and prepared.

Transport And Storage			
Shipment Name	Not dangerous goods. No special transport requirements.		
Size	Weight		
18 KG	18 KG		
Flash Point	N/A	UN Number	N/A
Dangerous Goods Class	N/A	Package Group	N/A

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