

## Specialized Construction Products Flexiplast

NZ\_DA02919

Part A	19RX5019-20KG
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### Product Overview

Specialized Construction Products' Flexiplast is a polymer-modified, fibre reinforced, cement based jointing plaster

### Features And Benefits

- Polymer modified cement based plaster
- Can be applied up to 5mm in one coat
- Fibre reinforced.
- Very good adhesion to a variety of masonry surfaces
- Covers & flushes joints
- Good shrinkage control and crack resistance.


### Uses And Typical Specifications

**Uses** Flexiplast is a fine granular flexible meshing compound that is mostly used for repair work on fibre cement sheeting.

### Performance Guide

<b>Weather</b>	Excellent weather resistance when used as part of an approved Specialized Construction Products system.	<b>Heat Resistance</b>	Up to 60°C
<b>Water</b>	Resists rain and condensation when used as part of an approved Specialized Construction Products system.	<b>Solvent</b>	Solvent resistant
<b>Abrasion</b>	Resists abrasion when used as part of an approved Specialized Construction Products system.		

### Typical Properties

<b>V.O.C Content</b>	<1 g/L	<b>Full Cure (25C, 50% R.H)</b>	48 Hours																							
<b>Clean Up</b>	Water - immediately after use.																									
<b>Application Method</b>	 Trowel																									
<b>Application Conditions</b>	<table border="1"> <thead> <tr> <th colspan="2">Solids By Volume</th> <th>100</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>1000</td> <td>5000</td> <td></td> </tr> <tr> <td>Dry Film Per Coat (microns)</td> <td>1000</td> <td>5000</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 (m<sup>2</sup>/L)</td> <td>1</td> <td>0.2</td> <td></td> </tr> </tbody> </table>	Solids By Volume		100			Min	Max	Recommended	Wet Film Per Coat (microns)	1000	5000		Dry Film Per Coat (microns)	1000	5000		Recoat Time (min)	8 Hours	Indefinite		Theoretical Spread Rate (m <sup>2</sup> /L)	1	0.2		
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<b>Typical Properties Notes</b>	Curing time of Flexiplast 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	
<b>Surface Preparation</b>	<ul style="list-style-type: none"> <li>The substrate to which Flexiplast 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> <p>All very porous surfaces should be sealed with an appropriate paint sealer prior to the application of the plaster.</p>
<b>Application Procedure And Equipment</b>	<ul style="list-style-type: none"> <li><b>MIXING:</b> Add approximately 5 litres of clean water to a clean bucket and then while stirring slowly add the 20kg bag of Flexiplast.</li> </ul> <p>Flexiplast should be mixed with 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> <p>Apply the meshing plaster to the joint using a steel trowel. Thickness is critical; 3-5mm is required. Cut a length of mesh slightly longer than the joint area to be covered. Place the mesh against the wet plaster. Wipe the mesh very lightly at first into the plaster, make sure there are no bubbles nor wrinkles in the mesh. Once the mesh is flat against the plaster, apply an even pressure with the trowel and embed the mesh just below the surface of the plaster. Once embedded scrape the plaster away at the edge of the mesh. Repeat this process for every joint.</p>

Health And Safety			
<b>MSDS Number</b>	DLX003958	<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/30c44037cd306e9e0f19271cd706435d-published/attachment/nz-sds.pdf">https://go.lupinsys.com/duluxgroup/harms/pm/30c44037cd306e9e0f19271cd706435d-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
<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"> <li>DO NOT over-water, over mix, or remix aged Flexiplast with additional water.</li> <li>DO NOT mix more Flexiplast than you can use in 45 minutes.</li> <li>DO NOT use Flexiplast that has been mixed for more than one hour.</li> <li>DO NOT apply Flexiplast to wooden surfaces.</li> <li>DO NOT apply Flexiplast over wet, frozen or frost affected surfaces.</li> <li>DO NOT apply Flexiplast where it will be subjected to permanent immersion or where ponding will occur.</li> <li>DO NOT reactivate Flexiplast with water once it has begun to set.</li> <li>DO NOT wet the substrate prior to the application of this Flexiplast.</li> <li>DO NOT apply Flexiplast unless the substrate has been properly cleaned, primed and prepared</li> </ul>

<b>Transport And Storage</b>			
<b>Pack A</b>	19RX5019	<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

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