

Specialized Construction Products Flexiflat

NZ_DA02922

Part A	19RX5020-20KG
--------	---------------

Product Overview

Specialized Construction Product Flexiflat contains a mix of aggregates, redispersable polymer, propriety ingredients and fibre combined to produce a polymer rich flat texture finish.

Features And Benefits

- | | |
|--|--|
| <ul style="list-style-type: none"> • Polymer rich • Fibre reinforced. • Mixed aggregate profile | <ul style="list-style-type: none"> • Very good adhesion and flexibility • Good shrinkage control and crack resistance • Flat even texture |
|--|--|


Uses And Typical Specifications

Uses	<p>Flexiflat is a trowel applied plaster used to create a flat polymer texture finish that resembles the profile of trowel finished concrete.</p> <p>Flexiflat must be finished with a minimum of two coats (min) of a premium latex exterior paint complying with AS/NZ 3730 Parts 7-10. Specialized Construction Products recommends 2 coats of Dulux 955 AcraShield Advance or 968 Elastomeric 201 weatherproofing topcoat for optimum performance.</p>
-------------	--

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.	Sizes	20kg																								
Application Method	 Trowel																										
Application Conditions	<table border="1"> <thead> <tr> <th></th> <th>Min</th> <th>Max</th> <th>Recommended</th> </tr> </thead> <tbody> <tr> <td>Solids By Volume</td> <td>100</td> <td></td> <td></td> </tr> <tr> <td>Wet Film Per Coat (microns)</td> <td>1000</td> <td>2000</td> <td></td> </tr> <tr> <td>Dry Film Per Coat (microns)</td> <td>1000</td> <td>2000</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>0.5</td> <td>0.33</td> <td></td> </tr> </tbody> </table>		Min	Max	Recommended	Solids By Volume	100			Wet Film Per Coat (microns)	1000	2000		Dry Film Per Coat (microns)	1000	2000		Recoat Time (min)	8 Hours	Indefinite		Theoretical Spread Rate (m²/L)	0.5	0.33			
	Min	Max	Recommended																								
Solids By Volume	100																										
Wet Film Per Coat (microns)	1000	2000																									
Dry Film Per Coat (microns)	1000	2000																									
Recoat Time (min)	8 Hours	Indefinite																									
Theoretical Spread Rate (m²/L)	0.5	0.33																									
Typical Properties Notes	<p>Coverage: Approximately 10m² per 20kg bag. Dependent on application rate.</p> <p>Curing time of Flexiflat 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.</p>																										

Application Guide

Surface Preparation	<ul style="list-style-type: none"> The substrate to which Flexiflat 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 5.5 litres of clean water to a clean bucket and then while stirring slowly add the 20kg bag of Flexiflat 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>On a large wall Flexiflat should be applied by two or more people to ensure a 'wet edge' is maintained. Flexiflat must be applied in two coats (1-2mm per coat) to ensure an even texture is achieved. Start by trowelling on one tight coat of the Flexiflat plaster with a large steel trowel using the aggregates in the plaster to establish the thickness. Once the first coat has dried trowel on another coat of the same material (mixed to a slightly thinner consistency) over its surface. As soon as this coat has been laid down flat with the steel trowel begin polishing its surface in a circular motion with a hard plastic float. This will cut the surface of the wall flat. Regularly clean the excess plaster off the plastic float with a broad knife to reduce the potential for swirl marks. If the plastic float is picking too much material or is leaving swirl marks on the surface, this indicates that the plaster has not been laid on tight enough with the steel trowel.</p> <p>An Acratex Dulux paint system must be used over the surface of Flexiflat 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	DLX003959	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/b392abbd573079f0f30606cf979d85a2-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.

The smooth plaster will not cover up background imperfections, particularly when walls are subject to side lighting at certain times of the day
Flexiflat must be finished with a minimum of two coats (min) of a premium latex exterior paint complying with AS/NZ 3730Parts 7-10.

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

Transport And Storage

Pack A	19RX5020	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

Disclaimer

Dulux, Selleys and Other marks followed by ® are registered trademarks. Marks followed by the symbol of ™ are trademarks.

The data provided within the Duspec system is correct at the time of publication, however it is the responsibility of those using this information to check that it is current prior to specifying or using any of these coating/product systems.

DISCLAIMER: Any advice, recommendation, information, assistance or service provided by any of the divisions of DuluxGroup (New Zealand) Pty Ltd or its related entities (collectively, DuluxGroup) in relation to goods manufactured by it or their use and application is given in good faith and is believed by DuluxGroup to be appropriate and reliable. However, any advice, recommendation, information, assistance or service provided by DuluxGroup is provided without liability or responsibility PROVIDED THAT the foregoing shall not exclude, limit, restrict or modify the right entitlements and remedies conferred upon any person or the liabilities imposed upon DuluxGroup by any condition or warranty implied by Commonwealth, State or Territory Act or ordinance void or prohibiting such exclusion limitation or modification. Coating/product systems can be expected to perform as indicated on the Duspec Spec Sheet so long as applications and application procedures of the individual products are followed as recommended on the appropriate Product data Sheet. "DuluxGroup" "Dulux" "Selleys" "Berger" "Berger Gold Label" "Hadrian" "Walpamur" "Levene" "Acratex" and Other marks followed by ® are registered trademarks. Marks followed by the symbol ™ are trademarks.

Please note that this document is only valid for 60 days from the date of issue.

DuluxGroup (New Zealand) Pty Ltd 150 Hutt Park Road NZ ACN 133 404 118