

Specialized Construction Products Specialized Resin

NZ_DA02942

Part A	19TX5001
--------	----------

Product Overview

Specialized Resin is an acrylic emulsion that can be easily added to most cementitious compounds to increase adhesion to a variety of substrates and helps provide additional flexural strength.

Features And Benefits

- Easy to apply
- Helps provide additional flexural strength.
- Controls curing time of cement based products
- Can be applied using multiple application techniques
- Increased adhesion for non absorbent substrates
- Reduces water loss, enhancing cure of cement based plasters in hot conditions



Uses And Typical Specifications

Uses	Specialized Resin is mainly used as a-plaster flexibility aid or bonding agent when bonding EZpanel or EPS to masonry surfaces or to increase adhesion of plasters to low absorbent substrates such as Off Form Concrete or previously painted surfaces. It can also be diluted and used seal cementitious substrates prior to plaster application. Specialized Resin can also be added to plaster during summer months to help it cure better in hot weather.
-------------	--

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.	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	1L / 5L / 20L																								
Application Method	 Brush  Roller																										
Application Conditions	<table border="0"> <tr> <td>Solids By Volume</td> <td>47</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></td> <td></td> <td></td> </tr> <tr> <td>Dry Film Per Coat (microns)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Recoat Time (min)</td> <td>15</td> <td>30</td> <td></td> </tr> <tr> <td>Theoretical Spread Rate (m²/L)</td> <td></td> <td></td> <td></td> </tr> </table>	Solids By Volume	47				Min	Max	Recommended	Wet Film Per Coat (microns)				Dry Film Per Coat (microns)				Recoat Time (min)	15	30		Theoretical Spread Rate (m²/L)					
Solids By Volume	47																										
	Min	Max	Recommended																								
Wet Film Per Coat (microns)																											
Dry Film Per Coat (microns)																											
Recoat Time (min)	15	30																									
Theoretical Spread Rate (m²/L)																											
Typical Properties Notes	Coverage: When used as a sealer approximately 10-12m ² /L. Dependent on application rate. Drying time of Specialized Resin will vary due to ambient temperature, relative humidity, surface temperature, surface porosity,application methods, and/or the thickness of the material.																										

Application Guide	
Surface Preparation	<ul style="list-style-type: none"> The substrate to which Specialized Resin 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>
Application Procedure And Equipment	<ul style="list-style-type: none"> If Specialized Resin is used as: <ul style="list-style-type: none"> A Plaster flexibility or bonding aid: add 1L per 20Kg of dry mixed powder when preparing a mix to increase adhesion and glue content when extra adhesion is required. Apply the render following the instruction of the chosen product. Sealing agent: Dilute Specialized Resin at a rate of 1 part resin to 2 parts water. Apply with a pump up sprayer, long nap roller or wide paint brush at a spread rate of 10-12m² per litre. Plastering can commence as soon as the sealer has dried. <p>For full system details refer to the Specialized installation guide.</p>

Health And Safety			
MSDS Number	DLX004015	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/3ab804d9067fa0cc3031cd306bfb9b69-published/attachment/nz-sds.pdf		
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	Check with your local council first.	Handling	Avoid eye and skin contact.
In the case of emergency, please call 0800 734 607			

Precautions And Limitations
Ensure all surface preparation instruction are followed.
Apply Specialized Resin only when the temperature is between 5°C and 30°C.
Specialized Resin is not waterproof material nor is suitable for use under conditions where continuous water is present.

Transport And Storage			
Pack A	19TX5001	Shipment Name	Not dangerous goods. No special transport requirements.
Size	Weight		
1L	1.04kg		
5L	5.20kg		
20L	20.80kg		
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