

## Dulux AcraTex AcraBond 500/4

NZDA1114

Part A	194-51619
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### Product Overview

DULUX AcraTex 500/4 AcraBond is a tough 100% pure acrylic admixture bonding agent for cement renders and concrete mixtures. Supplied in a liquid form that is ready for use.


### Features And Benefits

- Excellent bonding properties
- Easy to use
- Controls curing time of Cement based products
- Aids in the workability of the mixture and reduces shrinkage
- It is ideal to seal friable areas before cement rendering
- It reduces water loss and enhances the curing of the cement containing mixtures

### Uses And Typical Specifications

<b>Uses</b>	DULUX AcraTex 500/4 AcraBond is designed to increase the tensile strength, flexibility and impact resistance of the mixture to which it is incorporated. It will also reduce the absorption of the mixture or substrate to which it may be applied as a suction modifier. DULUX AcraTex 500/4 AcraBond increases the bond strength of low absorbent substrates such as Off Form Concrete. It reduces water loss and enhances the curing of cement containing mixtures.
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### Typical Properties

<b>Technology Type</b>	WATERBASED	<b>V.O.C Content</b>	< 1 g/L																								
<b>Clean Up</b>	Clean all equipment with water.	<b>Sizes</b>	15 L																								
<b>Application Method</b>	 Trowel																										
<b>Application Conditions</b>	<table border="1"> <thead> <tr> <th>Solids By Volume</th> <th>43</th> <th></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></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></td> <td></td> <td></td> </tr> <tr> <td>Theoretical Spread Rate (m<sup>2</sup>/L)</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Solids By Volume	43				Min	Max	Recommended	Wet Film Per Coat (microns)				Dry Film Per Coat (microns)				Recoat Time (min)				Theoretical Spread Rate (m <sup>2</sup> /L)					
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Application Guide	
<b>Surface Preparation</b>	<ul style="list-style-type: none"> <li>The surface to be treated should be dry, firm, and free from grime and oil. Wash the surface with water and allow to dry before applying. All cracks greater than 0.3mm should be filled. It is essential that the surface be free of oil, grime, loose materials and any previous paint. Do not apply over a painted surface.</li> </ul>
<b>Application Procedure And Equipment</b>	<ul style="list-style-type: none"> <li>Product should be thoroughly mixed before use. Refer to the DULUX AcraTex Application Manual for detailed application instructions. DULUX AcraTex 500/4 AcraBond is applied to all commonly used masonry substrates to either control excessive surface suction or to act as a bonding agent to very low absorbent surfaces. DULUX AcraTex 500/4 AcraBond is used as part of the gauging (mixing) water of Portland cement mixture and AcraTex Renders especially in thin bed application of 4 - 6mm.</li> </ul> <p><b>MIXING</b> The water component should be first measured into suitable containers or mixing devices and the powder slowly incorporated during agitation. Approximate water consumption is 3 - 4 Litres to a 20kg bag. Thin bed application requires the addition of 500/4 AcraBond. 2 - 4 mm thick renders: 2 parts 500/4 AcraBond to 5 parts water 4mm thick renders: 1 part 500/4 AcraBond to 5 parts water 6mm thick renders: 1 part 500/4 AcraBond to 8 parts water Renders beyond this thickness do not require the addition of 500/4 AcraBond, providing the ambient temperature is not to high that it will cause rapid drying. In such condintions wetting or tempering of the freshly applied render is recommended. <li><b>TYPICAL USES:</b></li> <p><b>OFF FORM CONCRETE</b> - bonding agent (low absorption surfaces). Apply a mixture of 1 part 500/4 AcraBond to 2 parts water followed by a thin bed 4mm coat premixed render. (Alternatively apply a 'Dash or splash Coat' over the 500/4 AcraBond primed Off Form concrete for a 5mm + coat(s) of premixed render.</p> <p><b>HIGH ABSORBENCY SURFACES</b> - (to control excessive suction). Apply a mixture of 1 part 500/4 AcraBond to 4 parts clean water prior to the application of cement render.</p> <p><b>DASH OR SPLASH COAT</b> - Mix 1 part 500/4 AcraBond to 4 parts clean water, into this solution add 1 part fresh cement and 2 parts premixed render. Mix to a pourable consistency. Apply by splashing or spraying to the surface with a 70% coverage.</p> <p><b>CURING TIME ENHANCER</b> - add 500/4 AcraBond at the rate of 1 part 500/4 AcraBond to 8 parts water for Premixed Render coats that are to be coated with a DULUX AcraTex coating system after 72 hours cure time .</p> </p>

Health And Safety			
<b>MSDS Number</b>	13933801	<b>Using Safety Precautions</b>	For detailed information refer to product label and the current Material Safety Data Sheet available through DULUX Sales and Customer Service Offices
<b>MSDS Link</b>	<a href="http://msds.duluxgroup.com/pdf/shess-en-cds-020-000013933801.pdf">http://msds.duluxgroup.com/pdf/shess-en-cds-020-000013933801.pdf</a>		
<b>Health Effects</b>	Splashes to the eye may cause eye irritation.	<b>Protective Equipment</b>	Wear eye protection, gloves and protective clothing.
<b>Disposal</b>	Do not contaminate stormwater 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. Empty containers should be left open in a well ventilated area to dry out. When dry, recycle the container via recycling programmes. Disposal of empty paint containers via recycling programmes may differ between local authorities. Check with your local council first.		
<b>In the case of emergency, please call 0800 734 607</b>			

Precautions And Limitations
DULUX AcraTex 500/4 AcraBond can only be applied in air temperatures of 10 to 30 degrees Celcius. The coating must be protected from rain and frost within the first 24 hours to avoid coating damage. Job planning is essential where hot and windy conditions are encountered. Avoid application in direct sun where possible. Longer drying times may be experienced in high humidity climates.

Transport And Storage			
<b>Pack A</b>	194-51619	<b>Shipment Name</b>	Non hazardous
<b>Size</b> 15 litre	<b>Weight</b> 16 kg		
<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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