

Dulux AcraTex Acra-Prime 501/2 Solvent Based

NZDA0983

Part A	194-20801
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Product Overview

DULUX Acra-Prime 501/2 solvent based primer/sealer is a deep penetrating sealer/primer for consolidating and unifying the surface integrity of masonry surfaces.

Features And Benefits

- Primes masonry surfaces
- Penetrating binder
- Ensures good uniform adhesion of top coats
- Binds friable masonry surfaces





Uses And Typical Specifications

Uses DULUX Acra-Prime 501/2 is used to prime and seal all masonry surfaces. It improves bonding on masonry surfaces and is used under specified DULUX AcraTex topcoats.

Performance Guide

Weather	Suitable for exterior application when top coated	Salt	Resists salt spray spray when top coated.
Heat Resistance	up to 90C when top coated	Water	Resists rain and condensation when top coated.
Solvent	Resists aliphatic hydrocarbons sensitive to alcohols and strong solvents	Abrasion	Resists abrasion when top coated

Typical Properties

Technology Type	SOLVENT BORNE ACRYLIC	V.O.C Content	< 555 g/L																								
Clean Up	Clean all equipment with mineral turpentine.																										
Application Method	 Air Spray  Airless Spray  Brush  Roller																										
Application Conditions	<table> <tr> <td>Solids By Volume</td><td>14</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>71</td><td>143</td><td>107</td></tr> <tr> <td>Dry Film Per Coat (microns)</td><td>10</td><td>20</td><td>15</td></tr> <tr> <td>Recoat Time (min)</td><td>16 Hours</td><td>Indefinite</td><td>Less than 72 hours</td></tr> <tr> <td>Theoretical Spread Rate (m²/L)</td><td>14.1</td><td>7</td><td>10</td></tr> </table>			Solids By Volume	14				Min	Max	Recommended	Wet Film Per Coat (microns)	71	143	107	Dry Film Per Coat (microns)	10	20	15	Recoat Time (min)	16 Hours	Indefinite	Less than 72 hours	Theoretical Spread Rate (m²/L)	14.1	7	10
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Application Guide

Surface Preparation	<ul style="list-style-type: none"> Ensure alkaline surfaces have aged for 30 days minimum. <p>All surfaces must be cured, clean, sound and free of all contaminants such as form oils, release agents and mortar splashes. Surface imperfections misalignments and protrusions must be levelled and patched and completely flush to surrounding surfaces. Metal, tie wire, etc. on surface must be removed or treated against corrosion.</p> <p>Substrate Moisture Content: Moisture Content of dense concrete prior to coating should be less than 8% measured to a depth of at least 25mm and not be subject to re-wetting from latent sub-surface moisture or external sources. Typically this requires 8-12 weeks drying of dense precast or cast insitu concrete.</p> <p>Accurate measurement of concrete moisture content requires specialist equipment (typically involving drilling and insertion of probes embedded in an electrically conductive gel). Indicative surface spot measurement using a device with fine surface needle probes (generally referred to as "Equivalent Wood Moisture or EWM") is less reliable in discerning sub surface moisture and may produce variable results dependent on the density of the masonry under test and the presence of any substrate salts which can affect conductivity. Some units can operate in search or survey mode providing indications of potential sub surface areas of concern. Typically, "EWM" content prior to coating should be less than 12% and it is recommended that area review includes sub surface surveying to identify potential areas of concern.</p> <p>Alternatively a practical test to confirm "concrete safe to paint" involves taping (sealing all edges) of a 1m x 1m clear plastic sheet the concrete surface and leaving for 24 hours. Darkening of the concrete under the film or condensation on the underside of the film indicates the presence of excessive moisture.</p>
Application Procedure And Equipment	<ul style="list-style-type: none"> Brush, roller, conventional or airless spray. Product should be thoroughly mixed before use. <p>Refer to the DULUX AcraTex Application Manual for detailed application instructions.</p> <p>DULUX AcraTex 501/2 AcraPrime Solvent Based may be applied by brush, roller and conventional or airless spray. A brush is required to cut in around edges and obstacles.</p> <p>Typical airless set-up: Wagner PS 24 using 411-413 spray tip at approx 1000 psi.</p> <p>Brush, roller, conventional or airless spray.</p> <p>Notes It is recommended not to leave primer for longer than 72 hours before coating.</p>

Health And Safety

MSDS Number	13608501	Using Safety Precautions	For detailed information refer to the current Material Safety Data Sheet available from Dulux NZ Sales and Customer Service Offices.
MSDS Link	http://msds.orica.com/pdf/shess-en-cds-020-000013608501.pdf		
Health Effects	Splashes to the eye will cause severe eye irritation. When spraying, inhalation of mists may produce respiratory irritation. .	Flammability	This product is flammable. Store and use away from heat and sources of ignition. Flash point of 26 degrees cel.
Protective Equipment	Wear eye protection and when spraying or applying to broadwall areas wear a respirator with a combined vapour/particulate cartridge.	Storage	Store and use away from heat and sources of ignition.
Disposal	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.		

In the case of emergency, please call 0800 734 607

Precautions And Limitations

DULUX AcraTex 501/2 AcraPrime Solvent Based must only be applied in air temperatures between 10C and 30C and must be protected from rain and frost for the first 24 hours. Avoid application in full sun or hot, windy conditions.

Do not thin or apply over damp substrate.

Do not use near any flammable ignition sources.

Avoid excessive film builds as so glossy film coats to not occur.

DULUX AcraTex 501/2 AcraPrime should be recoated within 72 hours.

The coastal area is considered a marine environment and as such salt potentially can shorten the life of the coating systems. Care needs to be taken to wash down all areas twice. Once to remove surface contaminants, and raise salts to the surface and then secondly to remove these salts. Due to the locality, weather conditions and lag time between applications of the coating system it may require the need to wash again, between coats.

Transport And Storage			
Pack A	194-20801	Shipment Name	PAINTS, flammable liquid, high flash point.
Size 15 Litre	Weight 14.5 Kg		
Flash Point	26C	UN Number	1263
Dangerous Goods Class	3b	Package Group	III

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