

Dulux AcraTex Tiltwash Cleaner

AUDA1071

Part A	194-85773	Image	 <p>TiltWash Release Agent Dissolver Sprayable • Bio-degradable • Non-Caustic</p>
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Product Overview

DULUX AcraTex Tilt Wash is a water based low toxicity cleansing solution specifically designed to remove Barrier-Type form release agents know as Bond-breakers from concrete panels prior to the application of a paint/texture system.

Barrier type Bond-breakers are form oils, use heavy oils, lanolin diluted in lighter oil such as , kerosene oil or diesel fuel they can also be oils emulsified in water.

Features And Benefits

- Water based
- Removes Barrier-Type Bond-Breakers
- Spray application
- Fast removal of Barrier Type Bond-Breakers
- Easy application, clean up
- Cleans and conditions the concrete removing stubborn contaminates.
- May be applied by airless spray which greatly reduces time on site.
- Uses approximately 1/5 of water vs high pressure water blaster method

Uses And Typical Specifications

Uses	DULUX AcraTex Tilt Wash is designed to be applied over Tilt Up or Off Form concrete panels that have been treated with a Barrier-Type Bond-Breaker or Release Agents prior to painting to ensure maximum adhesion of the subsequent coatings. It is designed to be sprayed onto the substrate then quickly washed off with water.
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Precautions And Limitations

IDENTIFY THE BOND-BREAKER

Firstly identify the bond-breaker used on your project (Barrier or Chemically Reactive), this may be as simple as asking the foreman / builder of the project. The builder or a subcontractor usually constructs tilt panels. There may still be a drum present on site.

NOTE: TILTWASH IN NOT SUITABLE TO REMOVE CHEMICALLY REACTIVE BOND-BREAKERS / Form Release Agents



A chemically active form release agent contains an active ingredient that combines with the calcium hydroxide (lime) in fresh concrete to form a metallic, waterproof soap which prevents concrete adhesion to the treated surface.

For this type of Bond-Breaker use a detergent solution consisting of 225 grams of Tri-Sodium Phosphate (TSP) in 3.8 litres of water is recommended followed by high pressure washing (4000 psi)

Recommendations, permissible coverage rates & application temperature must be observed. Never allow TiltWash to dry before rinsing.

Performance Guide

Weather	Not applicable	Salt	Not applicable
Heat Resistance	Not applicable	Water	Not applicable
Solvent	Not applicable	Abrasion	Not applicable
Acid	Not applicable	Alkali	Not applicable

Typical Properties																											
V.O.C Content	0	Clean Up	Clean up water																								
Meets GBCA VOC Requirement?	N/A																										
Application Method	  Air Spray Airless Spray Other: Garden Pressure Atomiser																										
Application Conditions	<table border="0"> <tr> <td style="text-align: right;">Solids By Volume</td> <td style="text-align: center;">1</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">Min</td> <td style="text-align: center;">Max</td> <td style="text-align: center;">Recommended</td> </tr> <tr> <td style="text-align: right;">Wet Film Per Coat (microns)</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: right;">Dry Film Per Coat (microns)</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: right;">Recoat Time (min)</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">Theoretical Spread Rate (m²/L)</td> <td style="text-align: center;">7</td> <td style="text-align: center;">7</td> <td style="text-align: center;">7</td> </tr> </table>			Solids By Volume	1				Min	Max	Recommended	Wet Film Per Coat (microns)	0	0	0	Dry Film Per Coat (microns)	0	0	0	Recoat Time (min)				Theoretical Spread Rate (m ² /L)	7	7	7
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Application Guide	
Surface Preparation	<ul style="list-style-type: none"> IDENTIFY BOND-BREAKER Firstly identify the bond-breaker used on your project (Barrier or Chemically Reactive), this may be as simple as asking the foreman / builder of the project. The builder or a subcontractor usually constructs tilt panels. There may still be a drum present on site. NOTE: TILTWASH IN NOT SUITABLE TO REMOVE CHEMICALLY REACTIVE BOND-BREAKERS / Form Release Agents A chemically active form release agent contains an active ingredient that combines with the calcium hydroxide (lime) in fresh concrete to form a metallic, waterproof soap which prevents concrete adhesion to the treated surface. For this type of Bond-Breaker use a detergent solution consisting of 225 grams of Tri-Sodium Phosphate (TSP) in 3.8 litres of water is recommended followed by high pressure washing (4000 psi) TEST BARRIER TYPE BOND-BREAKER The Barrier Type Bond-Breaker will either be water or solvent-based. SOLVENT-BASED BOND-BREAKER With a solvent-based Bond-Breaker there are two tests: 1: WATER-BEAD TEST Spraying the panel with water and observing a beading of the water as it is sprayed onto the panel (just like water on a freshly waxed car). This indicates the presence of Bond-Breaker. If the panel does not bead, the concrete should take on a darker appearance. This is where the water has absorbed into the panel, if this happens perform the second Bond-Breaker test. 2: pH INDICATOR TEST Fill a small spray bottle with clean water. Immerse a pH indicator strip* into the water to test the pH level. This should read 6.5-7.5. If it reads any higher the water may be contaminated. Try sourcing water directly from tap. Hold a fresh indicator strip on the concrete panel keeping the indicator pads in contact with the concrete at all times. Spray the tested water above the strip so that the water trickles down over the indicator strip. Let soak for approximately 1 minute. Align the indicator strip with the coloured scale on the packet and read the pH level of your concrete. If the reading is the same or very similar to your previous reading of clean water, you know there is still Bond-Breaker on the panel. If the reading is high (8+) the pH is being read directly from the panel meaning there is no Bond-Breaker present.
Application Procedure And Equipment	<ul style="list-style-type: none"> A sample are should be trialed first then checked for the presence of bondbreaker. Suitable substrates: Barrier Type Form Release Agent treated Tilt Up/ Off Form Concrete/ Pre Cast Concrete APPLICATION PROCEDURE AND EQUIPMENT Product should be thoroughly mixed before use. Commence application, working from bottom of panel upward. Apply using an airless spray unit (eg Graco 695 with a .0015 - .0019 tip at 1000 psi) or a low pressure knapsack spray unit. Large panels should be articulated into manageable work areas, always maintaining a wet edge ensuring rinsing of TiltWash is actioned prior to the area drying. If TiltWash dries, re-apply TiltWash to the affected area and rinse thoroughly. Flood the area with an excess of material with a heavy spray rather than a thin jet or light mist. This will produce a foaming wave of excess material descending down the panel. As TiltWash is applied the panel should take on a darkened appearance. Should this not happen, apply a second coat of TiltWash and consult with Dulux AcraTex if the panel does not darken (excessively applied water based bondbreaker may be the cause). NOTES: 1. Chemical goggles, gloves and a mask should be worn at all times whilst pouring and applying TiltWash. 2. Application of TiltWash should be with an airless spray unit or low pressure knapsack spray only. 3. Application of TiltWash on large panels is a 2-man procedure, one to apply TiltWash the other rinsing with water.

Never allow TiltWash to dry before rinsing.

RINSING TILTWASH

Rinse panel with a flood of water (heavy spray not jet) deluging panel from top to bottom.

Ensure extra care is taken whilst rinsing to ledges, sills and all fixtures on panels.

A second rinse should be performed whilst panel is still wet from initial rinse. This is to make sure all remnants of Bond-Breaker and TiltWash are removed.

This product should not be released into any watercourses, drains or gutters neat or diluted and should be contained and disposed of under local waste management procedures. An environmental duty of care must be executed at all times whilst using this product.

NOTES:

1. Do not wait until TiltWash is drying on panel before rinsing. Rinsing must occur whilst TiltWash is still wet and active to remove all traces of bond-Breaker and TiltWash.
2. Water pressure should be at least 80 psi or 28 kpa.
3. A second rinse is imperative to the performance of TiltWash.

At Commencement of coating system application to the substrate it shall be deemed that the Applicator has certified that the surface which it is to be applied to is fit to receive the specified coating(s) system.

When the Applicator is preparing the site sample for approval he should advise the Project Superintendent if the substrate condition is not of sufficient standard to produce the specified finish.

PRIOR TO FULL COATING APPLICATION TEST SITE SAMPLE

Cross-hatch adhesion and pH tests must be performed as per Australian Standard AS2311-Painting Buildings and AS1580-Methods of Testing Adhesion (current editions) prior to commencing full-scale works.
pH readings must be below 10 before coatings can be applied.

Health And Safety			
MSDS Number	DLX001246		
MSDS Link	https://go.lupinsys.com/duluxgroup/harms/public/materials/35f7010af1be44e6a8669efe410571f2-published/individual		
Health Effects	For detailed information refer to the product label and the current Material Safety data Sheet available through Dulux Sales and Customer Service Offices 13 25 25 AUS. For emergencies, please call Australia 1800 220 770 or New Zealand 0800 220 770. Ensure adequate ventilation. Take suitable safety precautions while preparing your surface or sanding a previously coated surface, including wearing an appropriate respiratory mask Avoid any skin contact and inhaling spray mist. Use in well ventilated areas. Always use overalls, safety shoes, safety mask or respirator, safety glasses and safety gloves.	Flammability	Non Flammable
Storage	Store out of direct Sunlight in a cool dry area		
In the case of emergency, please call 1800 033 111			

Transport And Storage			
Pack A	194-85773	Shipment Name	Not dangerous goods; No special transport requirements
Size	15 Litre	Weight	16 Kg
Flash Point	NA	UN Number	NA
Dangerous Goods Class	NA	Package Group	NA

Images



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