

NZAC00216 Dulux Acratex Tiltwash 400/4

Introduction

Part A
194-85773

Description and Image

DULUX AcraTex 400/4 Tilt Wash is a water based low toxicity cleansing solution designed specifically to remove bondbreakers from concrete panels prior to the application of a paint/texture system.

Features and Benefits

- Water based
- Removes Bondbreakers
- Spray application
- Fast removal of bondbreakers
- Easy application, clean up
- Cleans and conditions the concrete removing any 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

DULUX AcraTex 400/4 Tilt Wash is designed to be applied over Tilt Up or Off Form concrete panels that have been treated with a bondbreaker or release agents prior to painting or texturing to ensure maximum adhesion of the subsequent coatings. It is designed to be sprayed onto the substrate then quickly washed off with water.

Performance Guide

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

Application Methods



Air Spray



Airless Spray

Garden pressure atomiser

Specifications

Solids by Volume

1

Min

Max

Recommended

Wet Film Per Coat (microns)

0

0

0

Dry Film Per Coat (microns)

0

0

0

Theoretical Spread Rate (m²/L)

7

7

7

Drying Time

Min

Max

Recommended

Application Guide

Surface Preparation

TESTING FOR BONDBREAKER

Firstly identify the bondbreaker used on your project, 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.

The bondbreaker will either be water or solvent-based.

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 bondbreaker.

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 bondbreaker 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 bondbreaker on the panel.

If the reading is high (8+) the pH is being read directly from the panel meaning there is no bondbreaker present.

Application Procedure and Equipment

Garden pressure atomiser/airless spray

A sample area should be trialled first then checked for the presence of bondbreaker.

Suitable substrates: Tilt Up/ Off Form Concrete/ Pre Cast Concrete

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 bondbreaker 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 bondbreaker and TiltWash.
2. Water pressure should be at least 80 psi or 28kpa.
3. A second rinse is imperative to the performance of TiltWash.

PRIOR TO PAINTING

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

SDS Number
10858

SDS Link
[View SDS Link](#)

Using Safety Precautions

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. For detailed information refer to product Material Safety Data Sheet available through Dulux Sales and Customer Service offices.

Please refer to SDS Link. In case of emergency, please call 0800 220 770.

Precautions and Limitations

Recommendations, permissible coverage rates & application temperature must be observed.

Never allow TiltWash to dry before rinsing.

Transport and Storage	
Line Shade /Pack A 194-85773	Shipment Name Not dangerous goods; No special transport requirements
Size: 15 Litre	Weight: 16 Kg

Disclaimer

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The correct colour or colour match is the responsibility of the applicator. Colours will change over time and Dulux does not guarantee that the same colour newly mixed will match a colour applied earlier which has been subjected to weathering or other change elements. No product colour is guaranteed against colour change.

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WHERE LEAD MAY BE PRESENT: The asset manager is responsible for verifying the presence of lead and determining whether to remove or encapsulate the lead. If lead is present, the work must be done in strict accordance with AS/ NZS 4361 Parts 1 and 2 and Worksafe Australia or New Zealand guidelines.