

## DULUX AcraTex RenderWall P400

**PRODUCT CODE** 193 Line

**Data Sheet No.** AUDA1596

**APPROVALS**

### Description

RenderWall P400 is a pre-blended HIGH POLYMER cementitious base coat which provides positive adhesion to stable low absorbency substrates such as Expanded Polystyrene (EPS) and pre-meshed EPS building panel.

The carefully controlled formulation contains washed and graded silica sands, Portland Cement, Acrylic Polymer and cement modifying agents to provide excellent base coat properties for subsequent levelling and finishing applications.

Supplied in dry powder form, P400 requires only the addition of clean potable water to produce a mortar adhesive that exhibits minimal drying shrinkage and good adhesion to sound, non weathered EPS panel designed and approved for External Insulation and Finishing Systems (EIFS)

### Features

Easy to handle  
Pre-packed  
Controlled formulation  
Good adhesion

### Benefits

Fast, efficient application  
Longer Processing time  
Minimal drying shrinkage  
Produces a high quality, even, true surface to suitable masonry substrates.

### Uses

RenderWall P400 is designed to provide an adhesive bond strength to base EPS base panel that exceeds and reinforces the surface tensile strength of the base panel.

P400 can be applied by traditional Hawk & Trowel or Spray Machine methods and is formulated for optimum technical properties when applied in 4-6mm layers.

P400 is formulated for direct to EPS adhesion and additionally provides high adhesion and key-coat properties to difficult low absorbency (uncoated) masonry substrates such as Off Form Concrete and Smooth Masonry.

Typically P400 is used to provide Base Coat - Key Coat adhesive properties for enhanced adhesion and Reinforcing Mesh embedment (where specified), prior to subsequent levelling Render and Acrylic Texture applications.

Users must make their own determinations as to the suitability of this material relevant to specific requirements.

Refer to Renderwall bag labels for detailed product and application information.

### Performance Guide

<b>Weather</b>	Excellent weather resistance when used in system with Dulux AcraTex Acrylic Texture Systems.	<b>Heat</b>	Up to 60C.
<b>Water</b>	Resists rain and condensation when when used in system with Dulux AcraTex Acrylic Texture Systems.	<b>Solvent</b>	Sensitive to alcohols, aromatic hydrocarbons, acetone and strong solvents.
<b>Abrasion</b>	Resists abrasion when used in system with Dulux AcraTex Acrylic Texture Systems.		

<b>Data Sheet</b>	DULUX AcraTex RenderWall P400		
<b>DuSpec Data Code</b>	AUDA1596	<b>Page No</b>	1 of 3
<b>Issue No</b>	4.0	<b>Date Issued</b>	28/11/2010

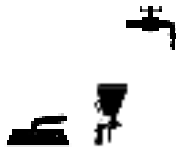
# DULUX AcraTex RenderWall P400

**Data Sheet No. AUDA1596**

## Typical Properties and Application Data

<b>Gloss Level</b>	N/A	<b>Thinner</b>	Water to produce a mortar paste.
<b>Spread Rate</b>	0.2 sqm/L	<b>Volume Solids</b>	100.0
<b>Components</b>	1	<b>Colour</b>	Grey powder. Can not be tinted.
<b>Toxicity</b>	Lead free. Dry film is non-toxic and conforms to AS 1647, Part 3.	<b>Number of Coats</b>	1 or 2
<b>Shelf life</b>	12 months maximum, stored in dry environment	<b>Wet film per coat</b>	Recommended 6000 µm
<b>Touch Dry</b>	6 - 10 hours	<b>Dry film per coat</b>	Recommended 6000 µm
<b>Clean Up</b>	Clean all equipment with water	<b>Recoat</b>	7-10days

### Application Method



## Application Guide

### Surface Preparation

REFER TO THE BAG LABEL FOR DETAILED INFORMATION

### Application Procedure and Equipment

DULUX AcraTex Renderwall P400 can be applied by traditional Hawk & Trowel method or via Render Pump in single application from 2-6mm or up to 10mm thick in multiple applications.

### MIXING

The water-liquid (gauging liquid) component should be first measured into suitable containers or mixing devices and the powder slowly incorporated during agitation.

Approximate gauging liquid consumption is 3 - 3.5 Litres to a 20kg bag.

Extruded Polystyrene (XPS) applications require priming and the addition of 500/4 AcraBond to fresh clean water to make up the gauging liquid.

: 1 parts 500/4 AcraBond to 5 parts water

Hawk and Trowel, Render Pump, Hopper Gun.

### Notes

Product usage Scaling factor = 1.7 kg (dry powder) per sqm per 1mm thick  
(eg. a 6mm thick application requires (6 x 1.7) = 10.2 kg per sqm of Renderwall powder)

<b>Data Sheet</b>	DULUX AcraTex RenderWall P400		
<b>DuSpec Data Code</b>	AUDA1596	<b>Page No</b>	2 of 3
<b>Issue No</b>	4.0	<b>Date Issued</b>	28/11/2010

# DULUX AcraTex RenderWall P400

<b>Data Sheet No.</b>	<b>AUDA1596</b>
-----------------------	-----------------

## Health and Safety

<b>Using Safety Precautions</b>	Mixed cement pastes are alkaline and can cause skin irritation. Wear rubber gloves and suitable coverage of skin (eg long sleeves) to avoid skin contact.	<b>Health Effects</b>	For detailed information refer to product label and the current Material Safety Data Sheet available through Dulux Sales and Customer Service Offices 132377 AUS. Health Effects: Splashes to the eye may cause eye irritation.
<b>Personal</b>	Mix this product externally and avoid breathing this product.	<b>Protective Equipment</b>	Wear eye protection.
<b>Storage</b>	Dry, cool storage		

**In the case of emergency please call 1800 033 111**

## Precautions and Limitations

DULUX AcraTex Renderwall must only be applied when temperature is between 10 - 30C. Thin bed renders will not hide imperfections, rough surfaces or poor preparation. Application to XPS requires pre priming and the addition of AcraBond to the gauging water to aid adhesion - refer bag labels for detailed information. Renderwall can not be tinted. Renderwall P400 is designed for EPS Foam.

Users must make their own determinations as to the suitability of this material relevant to project requirements.

## Transport and Storage

<b>Pack A</b>	193 Line	<b>Flash point</b>	NA
<b>Sizes</b>	20 kg bag	<b>UN Number</b>	NA
<b>Weight</b>	20 kg	<b>Package Group</b>	NA
<b>Dangerous Goods Class</b>	NA		
<b>Shipment Name</b>	Not dangerous goods. No special transport requirements.		

## Disclaimer

Dulux 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 systems.

DISCLAIMER: Any advice, recommendation, information, assistance or service provided by any of the divisions of DuluxGroup (Australia) 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 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" "Berger" "Berger Gold Label" "Hadrian" "Walpamur" "Levene" "AcraTex" and Other marks followed by ® are registered trademarks of DuluxGroup (Australia) Pty Ltd ABN 67 000 049 427. Marks followed by the symbol ™ are trademarks.

Please note that this document is only valid for 60 days from the date of issue.

DuluxGroup (Australia) Pty Ltd 1956 Dandenong Road, Clayton, Victoria 3168 AU ABN 67 000 049 427

<b>Data Sheet</b>	DULUX AcraTex RenderWall P400		
<b>DuSpec Data Code</b>	AUDA1596	<b>Page No</b>	3 of 3
<b>Issue No</b>	4.0	<b>Date Issued</b>	28/11/2010