

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

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

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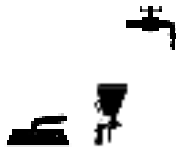
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Typical Properties and Application Data

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

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DATA SHEET



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Health and Safety

Using Safety Precautions	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.	Health Effects	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.
Personal	Mix this product externally and avoid breathing this product.	Protective Equipment	Wear eye protection.
Storage	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

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

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