

DULUX AcraTex 501/1 AcraPrime Water Based

PRODUCT CODE 194-20809

Data Sheet No. AUDA0441
APPROVALS

Description

DULUX AcraTex 501/1 AcraPrime Water Based acrylic primer/sealer conditions the surface and unifies substrate porosity.

Features

Water based
Penetrates masonry surfaces
Seals masonry surfaces

Benefits

Easy application and economical clean up.
Foundation for uniform adhesion & extended durability of texture coats
Ensures consistent appearance and finish of total system.

Uses

DULUX AcraTex 501/1 AcraPrime Water Based acrylic primer/sealer is applied to the substrate to unify the substrate porosity, it ensures maximum adhesion and provides excellent key for following texture coats, particularly DULUX AcraTex 950 Roll On , 951 Trowel On , 952 Spray On , 954 AcraStone .

Performance Guide

Weather	Suitable for exterior application when topcoated.	Heat	Up to 90C when topcoated.
Water	Resists rain and condensation when topcoated.	Solvent	Resists aliphatic hydrocarbons, sensitive to alcohols and strong solvents.
Abrasion	Resists abrasion when topcoated.		

Typical Properties and Application Data

Gloss Level	N/A	Thinner	Not recommended
Spread Rate	10.0sqm/L	Volume Solids	30.0
Components	1.0	Colour	White
Toxicity	Lead free. Dry film is non-toxic and conforms to AS1647, Part 3.	Number of Coats	One
Shelf life	24 months maximum stored in a dry environment	V.O.C Level	< 25 g/L untinted
Wet film per coat	Recommended 65 µm	Touch Dry	30 Minutes
Dry film per coat	Recommended 20 µm	Clean Up	Clean all equipment with water after use.
Recoat	2 Hours		

Application Method


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Application Guide

Surface Preparation

All surfaces must be cured, clean, sound and free of all contaminants such as form oils, release agents & mortar splashes. Surface imperfections, misalignments and protrusions must be levelled & patched & completely flush to surrounding surfaces. Metal, tie wire, etc on surface must be removed or treated against corrosion.

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.

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.

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

Application Procedure and Equipment

Product should be thoroughly mixed before use.

Refer to the DULUX AcraTex Application Manual for detailed application instructions.

DULUX AcraTex 501/1 AcraPrime Water Based may be applied by roller, conventional or airless spray. A brush is required to cut in around edges and obstacles.

Typical airless set-up: Graco Ultra 500 using 0.011-0.013 spray tip at approx. 1000 psi.

Brush, roller, conventional or airless spray.

Health and Safety

MSDS Number 14557202

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.

Storage 0

Using Safety Precautions Wear eye protection.

Protective Equipment When spraying, inhalation of mists may produce respiratory irritation.

In the case of emergency please call 1800 033 111

Precautions and Limitations

DULUX AcraTex 501/1 AcraPrime Water Based must only be applied in air temperatures between 10C - 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 (except where specified to AAC).

Do not use DULUX AcraTex 501/1 AcraPrime under DULUX AcraTex 500/5 RenderWall.

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Pack A	194-20809	Flash point	NA
Sizes	15 Litre	UN Number	NA
Weight	21.5 Kg	Package Group	NA
Dangerous Goods Class	NA		
Shipment Name	Not dangerous goods.; No special transport requirements.		

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