NZAC00231 Dulux Acratex 500/11 AcraPatch High Build Coarse

Introduction

Part A
194-85841

Description and Image

DULUX AcraTex AcraPatch High Build is an acrylic based, high build patching compound. Supplied in a water dispersable paste it exhibits minimal shrinkage on drying and good adhesion to various clean masonry substrates.

Features and Benefits

- Easy to handle
- 100% water-based acrylic
- Fills up to 5mm deep blemishes
- Mixes with cement
- Can be floated
- Fast, efficient application
- Flexible, minimal shrinkage, easy clean up.
- Levels surface imperfections for subsequent texture coats.
- Forms a very durable exterior patching material.
- Can be sponge floated or finished with a polystyrene float.

Uses

DULUX AcraTex AcraPatch High Build can be used as a base filler for filling larger surface irregularities & blemishes of up to 5mm per coat in a single coat. This product can also be used as a skim coat over flush jointed blockwork prior to application of texture coatings. DULUX AcraTex AcraPatch High Build can be applied to any clean masonry surfaces. Unlike sand and cement render this product can be overcoated next day with a selected DULUX AcraTex coating system.

Performance Guide

Heat Resistance
Up to 60C.

Water	Solvent
Resists rain and condensation when topcoated.	**Sensitive to alcohols, aromatic hydrocarbons, acetone and strong solvents.**

Abrasion
Resists abrasion when topcoated.

Typical Properties

Application Methods

Trowel

Before application use a power mixing device to incorporate 5% cement.

Specifications	Solids by Volume		
	81		
	Min	Max	Recommended
Wet Film Per Coat (microns)	2469	5030	2469
Dry Film Per Coat (microns)	2000	4075	2000
Theoretical Spread Rate (m²/L)	0.4	0.2	0.4

Drying Time

	Min	Max	Recommended
Recoat Time (min/hours)	24 hours	Indefinite	

Application Guide

Surface Preparation

The substrate must be cured, clean, sound & free of all contaminants such as form oils, release agents, mortar splashes. Surface misalignment & protrusions should be trimmed back with a hammer & bolster. Tie wire, nails or steel on the surface must be completely removed, all other metal elements must be corrosion stabilized. Where deep imperfections exist, pre-fill with DULUX AcraTex AcraPatch High Build & allow to completely dry In hot weather, the substrate may be tempered with water to reduce suction. Very absorbent or friable surfaces may require pre-priming with DULUX AcraTex 501 AcraPrime.

Application Procedure and Equipment

DULUX AcraTex AcraPatch High Build is not designed for use as a joint flush compound over external fibre cement sheeting.

A spread rate of 0.5 sqm/l corresponds to 2000 microns dry film thickness assuming no loss.

Product should be thoroughly mixed before use.

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

Before application us a power mixing device to incorporate 5% cement. Add a little water to achieve the required workability.

DULUX AcraTex AcraPatch High Build is generally applied with trowel and hawk. A spatula knife can be used for isolated patching and often a sponge float is used to spread the material over extensive blow holes. Use several coats to fill larger irregularities. Trowel or spatula.

Health and Safety

SDS Number	SDS Link
DLXNZLEN000711	**View SDS Link**

Using Safety Precautions
Wear eye protection

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

Precautions and Limitations

Do not apply if the surface temperature is greater than 30°C or below 10°C, or likely to fall below 10°C during the application or drying period. Dry times apply to a single coat at recommended spread rate and at 25oC and 50% Relative Humidity.

Protect from dew, rain and frost for 48 hours when apply at the recommended spread rate.

Allow longer times under cool, moist, or still conditions and or when applied at high film builds.

Avoid application in hot, windy conditions or on hot surfaces.

Application techniques should be adjusted to achieve the recommended DFT and finishing standard.

When using Bright Reds, Oranges, Blues and Yellows or where very light colours are applied over highly contrasting colours an extra coat maybe required.

To avoid "Picture Framing" of texture topcoats "wet on wet" cutting in & coating technique is recommended or apply multiple coats thinning the first coat.

SURFACTANT LEACHING FROM EXTERIOR WATER-BASED COATINGS
Occasionally clear or white spots/streaks are seen on a newly painted surface within the first few weeks after application. They usually appear after light rain or overnight dew and generally located in sheltered areas or areas with limited sun exposure. Under normal conditions surfactant contained in the tinted paint colour is slowly leached to the surface and washed away by rain leaving no trace and is a normal part of drying of any exterior water-based paint. Under certain atmospheric conditions and these surfactants leach or migrate to the paint surface, is concentrated forms and leaves clear or white deposits upon drying. These conditions include cool or humid weather or painting cold substrate and in most cases these marks on the wall surfaces are more noticeable on dark colours, such as browns or dark greens, etc.. The clear/white surfactants that have migrated to the wall surface areas will cause no down grading nor performance changes or long term durability concerns of the paint films integrity and unfortunately have become an appearance issue instead. They easily removed from the paint film within a week or so of their appearance by washing with warm water & commercial grade detergent or via Nifti or Spray'n'Wipe followed by rinsing with fresh clean water. Under severe conditions they may reappear once or twice until all the surfactant has been removed. It will be less noticeable each time, and can be removed in the same manner as before.

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.
Where possible avoid dark colours - these will give raise to much higher surface temperature that may cause addition thermal stress and cooling demand to the building envelope and/ or require extra engineering considerations (greater building costs).

The coastal area is considered a marine environment and as such salt potentially can shorten the life of the coating systems. Care needs to be taken to wash down all areas twice. Once to remove surface contaminants, and raise salts to the surface and then secondly to remove these salts. Due to the locality, weather conditions and lag time between applications of the coating system it may require the need to wash again, between coats. This Data Sheet is to be read in conjunction with a full DULUX system specification.

A DULUX warranty can be provided on request, when a full AcraTex system is applied by a DULUX AcraTex trained applicator, according to specification, & at the specified spreading rates, & to the surface preparation details described in the DULUX AcraTex Specification Manual. The dynamics of the substrate is outside the control of Dulux Australia and as such joint deformation or cracking is excluded from warranty terms. Refer warranty document for full terms and conditions.

Use multiple coats for higher builds. Touch dry times depend on the film thickness and drying conditions.

Do not use on surfaces used for the collection of drinking water.

Transport and Storage

Line Shade /Pack A	Shipment Name
194-85841	**Not dangerous goods.; No special transport requirements.**

Size:	Weight:
15 Litre	**25kg**

Disclaimer

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Unless Dulux has provided you with a customised, project-specific specification, this Data Sheet does not represent that any particular product or product system will be suitable for your project.

Any information provided in this Data Sheet is given in good faith and is believed by Dulux to be correct at the time of publication. Products and coating systems can be expected to perform as indicated in this Data Sheet, provided the substrate is in good condition, the coatings are applied by a suitably experienced and skilled applicator, and the preparation, application and maintenance is followed strictly as set out in this Data Sheet, and as recommended on the applicable Safety Data Sheets for the relevant products, available from www.duspecplus.com.au. Climatic conditions at application time can affect product suitability and performance.

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.

Where any liability of Dulux in respect of this Data Sheet cannot by law be excluded, Dulux's liability is limited, as permitted by law and at Dulux's option, to resupply of the relevant products or services or to reimbursing the cost of those products or services.

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 4361 Parts 1 and 2 and Worksafe Australia guidelines.