

AUDA00003 Dulux AcraStone Base Coat Part A and Part B

Introduction

Part A
Dulux AcraStone Base Coat
194X2571-17.5kg

Part B
Dulux AcraStone Epoxy Resin
194X2574-1.75kg

Description and Image

Dulux® AcraStone® is an artisan range of products hand crafted to create a seamless Microcement finish which is unique to each piece of work. The AcraStone range of products are designed for application by professional applicators.

Dulux® AcraStone® Base Coat Part A is a water-based epoxy hardener in paste form that must be mixed with Dulux® AcraStone® Part B (ratio 10:1 by weight) before application. The low VOC formula is designed to be used as a base levelling coat, but can also be used as a finish coat to achieve a highly textured design.

Dulux® AcraStone® Epoxy Resin Part B is a liquid epoxy resin for Base Coat Part A or Finish Coat (Fine or Medium) Part A.

Features and Benefits

- High mechanical strength to support the finishing layers
- Excellent adhesion to the grip coat and substrate
- Suited for internal floors, walls, wet areas and high-traffic areas
- Silica sand free formulation



Uses

Dulux® AcraStone® Base Coat is part of a coating system to create a seamless and natural Microcement finish.

The system is suitable for walls and internal floors and can be used in a wide range of environments including residential and commercial zones. Suitable environments include bathrooms, showers and other wet areas which are not submerged, internal flooring around the home, retail areas such as shop floors and restaurants and can be used in high traffic areas such as hotel foyers.

The Base Coat is designed as a levelling coat to create an even finish for following finish coats. It can also be used as a finish coat to achieve a highly textured finish.

The Base Coat Part A is mixed with Dulux AcraStone Part B in a ratio of 10:1 by weight prior to application.

Typical Properties			
V.O.C. Content 0g/L			
Clean Up  Water			
Sizes Part A - 17.5kg, Part B - 1.75kg			
Application Methods  Trowel			
Specifications	Solids by Volume		
	<input type="text" value="53.92"/>		
	Min	Max	Recommended
Wet Film Per Coat (microns)	<input type="text" value="833"/>	<input type="text" value="1428"/>	<input type="text" value="1428"/>
Dry Film Per Coat (microns)	<input type="text" value="449"/>	<input type="text" value="769"/>	<input type="text" value="768"/>
Theoretical Spread Rate (m ² /L)	<input type="text" value="1.20"/>	<input type="text" value="0.70"/>	<input type="text" value="0.70"/>
Drying Time	Min	Max	Recommended
Recoat Time (min/hours)	<input type="text" value="12 hours"/>	<input type="text" value="Indefinite"/>	<input type="text" value="24 hours"/>
Comments	<input type="text" value="Pot life of product is 1 hour."/>		
<p>Typical Property Notes</p> <p>Base Coat is applied in two coats. The first coat often requires higher film build to level the substrate. The expected spread rates for each coat below:</p> <p>First Coat - 0.7m²/L Second Coat - 1.2m²/L</p> <p>Product must be sanded prior to following coats to ensure an even surface. For best results, sand using a diamond tip sanding pad and sand the following day to ensure product does not become too hard to sand.</p>			

Application Guide

Surface Preparation

Apply on clean dry surfaces, free of oil, grease, dust or any other element that may affect the adhesion of the system. Clean the surface with degreasing product. Make sure that tiles are well fixed and not detaching.
Do not apply the product where there is rising damp.
Ensure moisture content is less than 10% as measured with standard moisture meter.

Application Procedure and Equipment

The Dulux AcraStone range of products are designed for application by professional applicators. Applicators must have completed a 'Microcement' application course and hold a current Dulux Trade account.

Mix Base Coat Part A with AcraStone Epoxy Resin Part B in a ratio of 10:1 by weight. Mix with drill for 3 minutes or until a homogenous mix is achieved.

The pot-life of the two components is 1 hour, a small amount of water and re-mixing can be done to aid application properties. Only mix the material that will be used by weighing out Part A and B.

Apply the product by trowel and build first coat to ensure surface is levelled. Embed fibre mesh, 80gr/m², by trowelling into first coat. Mesh must be used on all flooring, large broad wall areas and wet areas.

Sand first coat to remove any imperfections, heavier sand recommended for meshed areas. Use diamond tip sanding pad with sanding machine. Product does not contain sand but a respirator is still required. Product will continue to become stronger and harder to sand, it is recommended to sand product the following day after application.

For wet areas, ensure correct drainage slope to avoid water stagnation: at least 12.5mm fall per linear meter.

Spread rate varies between first and second coat depending on unevenness of substrate:

- 1st coat - approx 0.7m²/L
- 2nd coat - approx 1.2m²/L

Health and Safety

SDS Number Part A - DLXGHSEN004854 Part B - DLXGHSEN004849	SDS Link
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Using Safety Precautions
Refer to SDS for full information.

Product can cause serious eye damage.

SAFETY: Keep out of reach of children. Read carefully and follow all instructions. Wear protective gloves/protective clothing including eye/face protection. **FIRE:** If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

SPILLS & LEAKS: Clear area of all unprotected personnel. Slippery when spilt. Wear protective equipment. For liquids absorb with sand or soil. Collect and seal in properly labelled drums. Refer to Local Council or State/Territory Land Waste Management Authority for disposal. **FIRST AID:** If poisoning occurs, contact a Doctor or Poisons Information Centre (Phone Australia 131 126; New Zealand 0800 764 766). If medical advice is needed, have product container or label at hand.

SWALLOWED: If swallowed, do NOT induce vomiting. Give a glass of water. Seek medical advice.

EYE: If in eyes, hold eyes open, rinse cautiously with water for at least 15 minutes and see a doctor.

SKIN: If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If irritation occurs seek medical advice.

INHALED: Remove from contaminated area. Seek medical advice.

Please refer to SDS Link. In case of emergency, please call 1800 220 770.

Precautions and Limitations

This product data sheet should be read in conjunction with the Dulux specification.

Take suitable safety precautions while preparing your surface or sanding a previously coat/ coated, including wearing an appropriate respiratory mask.

To ensure colour uniformity and for optimum performance, Dulux recommend a full coating system including two to three topcoats.

For all systems, Base Coat should be tinted in accordance with Tint Guide to the specified topcoat colour (or a colour as close as possible to the specified colour as product and Acratex tint rules allow).

Ensure tint cups are mixed well using a power mixer.

IMPORTANT: Not all colours are suitable for exterior use.

Ensure that you have adequate tinted stock to complete the job in one application.

All material must be thoroughly cross-mix to ensure tint uniformity.

It is recommended to hold a volume of finish material for future maintenance touch-ups

Practical spreading rates will vary from quoted theoretical figures depending on substrate porosity, surface roughness, overspray losses, application methods and environmental conditions (e.g. wind).

Do not apply paint if Relative Humidity is above 85% or temperature is within 3°C of Dew Point.

Do not apply if the surface temperature is greater than 40°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 25°C and 50% Relative Humidity

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

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

Avoid application in hot, windy conditions or on hot surfaces cool the surface by hosing with water and paint the cool damp surface.

The coating system should be cleaned on a regular basis. This will help maintain your overall aesthetic appearance and preserve your Dulux AcraStone coating system

Transport and Storage

Line Shade /Pack A	
194X2571-17.5kg	
Size:	Weight:
<input type="text" value="undefined"/>	<input type="text" value="17.5kg"/>
Pack B	
194X2574-1.75kg	
Size:	Weight:
<input type="text" value="undefined"/>	<input type="text" value="1.75kg"/>

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.