Dulux®

AcraStone™

# Microcement Redefined.


# Application Guide

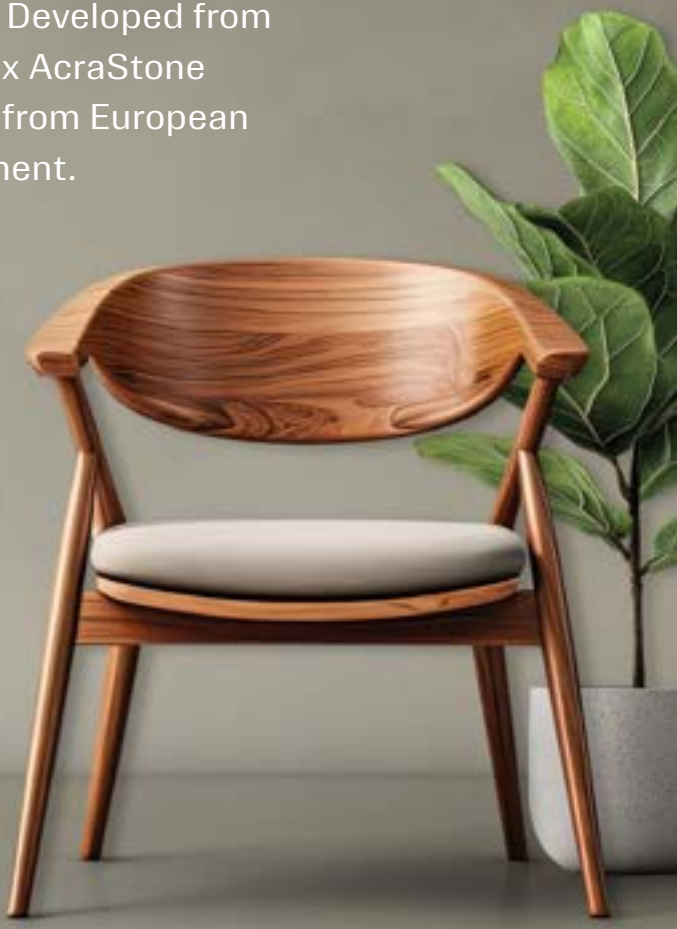
VERSION 1 · APRIL 2026

Worth doing, worth Dulux.®

Dulux
AcraStone
Allettare 2

# Seamless Style.
# Naturally Inspired.

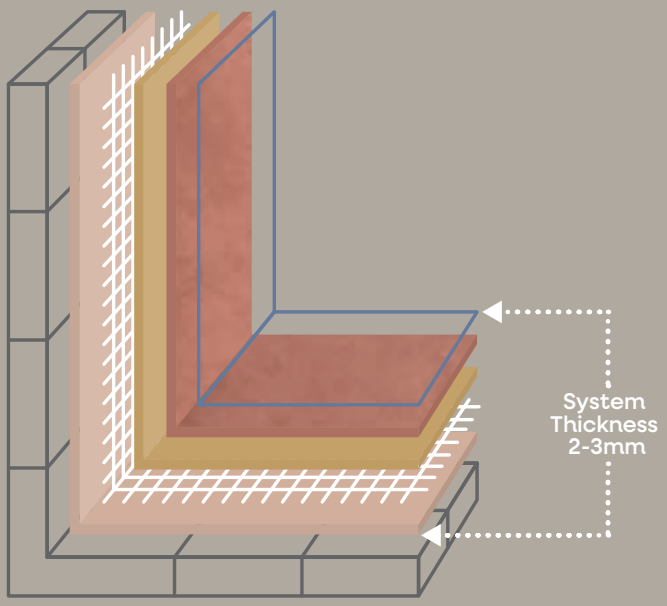
Discover Dulux® AcraStone™ – a water-based epoxy microcement-like system that delivers a seamless, natural stone-like finish for walls and floors. Its continuous, grout-free finish enhances residential and commercial spaces, offering designers and homeowners versatile, sophisticated design freedom. Developed from trusted Dulux technology, Dulux AcraStone represents a new system born from European tradition – redefining microcement.

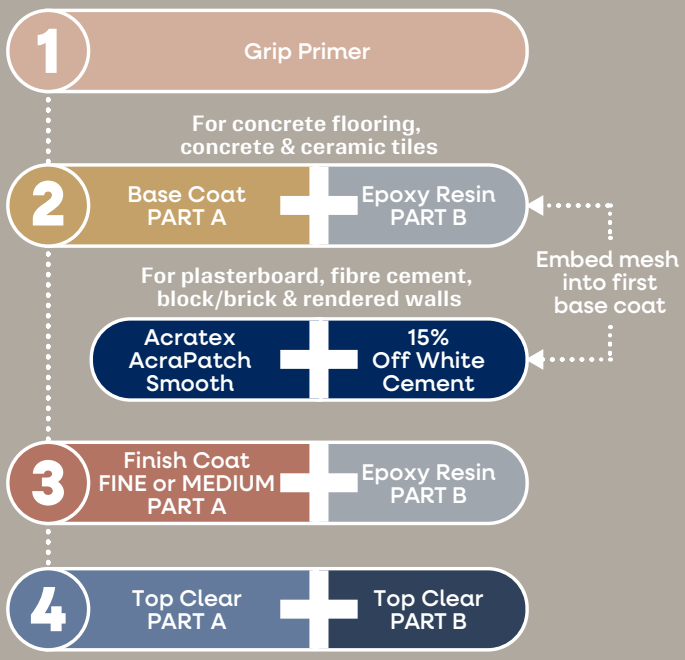


Dulux AcraStone

# System Application

Dulux AcraStone is a thin multi coat system which is comprised of multiple layers including a primer, base coats, finish coats and sealer. These layers can change depending on the substrates and surfaces that Dulux AcraStone can be used on.




See the Product Range for recommended number of coats.

**REMEMBER!**

**Go to Dulux DuSpecPlus® for detailed product specifications & safety guidelines →**

**Dulux AcraStone is a product system and is NOT recommended for DIY application. It should be applied by a Dulux AcraStone Trained Artisan. We do offer training courses.**

This guide is an essential resource for Dulux AcraStone Trained Artisans, providing:

- Detailed product specifications to guide correct coating selection and system compatibility.
- Step-by-step application process.
- Best-practice techniques for optimal coating performance.

## Contents



**Engage with this interactive guide by clicking on menu links and buttons.**

Dulux AcraStone

# Product Range

| | SIZE & PRODUCT CODE | TYPICAL NUMBER OF COATS | COVERAGE | APPLICATION METHOD | VOC (THEORETICALLY CALCULATED) | CLEAN UP |
|---|---|---|---|---|---|---|
| **Grip Primer**<br>• Water-based acrylic technology<br>• Strong adhesion to concrete, tiles and other common substrates<br>• Fast drying<br>• Easy to apply with roller or brush | **5L**<br>194X2570-5L | 1 | 9m²/L | Brush<br>10 - 20mm Nap Roller | 66.8g/L | WATER |
| **Base Coat PART A**<br>• Must mix with Epoxy Resin PART B<br>• Silica sand free formulation<br>• Water-based epoxy hardener - water wash up<br>• High mechanical strength to support the finishing layers<br>• Excellent adhesion to the grip coat and substrate<br>• Can be used as a finishing coat for a more coarse finish | **17.5KG**<br>194X2571-17.5KG | 2 | **FIRST COAT**<br>with Mesh<br>0.7m²/L<br>**SECOND COAT**<br>1.2m²/L | Trowel | 0g/L | WATER |
| **Finish Coat MEDIUM PART A**<br>• Must mix with Epoxy Resin PART B<br>• Silica sand free formulation<br>• Water-based epoxy hardener - water wash up<br>• Produces a subtle natural organic look<br>• High surface hardness and stain resistance after sealing | **17.5KG**<br>194X2572-17.5KG | 2 | **FIRST COAT**<br>2.5m²/L<br>**SECOND COAT**<br>5m²/L | Trowel | 0g/L | WATER |
| **Finish Coat FINE PART A**<br>• Must mix with Epoxy Resin PART B<br>• Silica sand free formulation<br>• Water-based epoxy hardener - water wash up<br>• Produces a smooth mottled finish<br>• High surface hardness and stain resistance after sealing | **17.5KG**<br>194X2573-17.5KG | | **FIRST COAT**<br>3m²/L<br>**SECOND COAT**<br>9m²/L | | | |
| **Epoxy Resin PART B**<br>• Must mix with one of the following products: Base Coat PART A, Finish Coat Fine PART A or Finish Coat Medium PART A<br>• Epoxy resin - water wash up | **1.5L (1.75KG)**<br>194X2574-1.75KG | See Base Coat PART A or Finish Coat Fine or Medium PART A | | | 0g/L | WATER |
| **Top Clear PART A**<br>• Must mix with Top Clear PART B<br>• Polyurethane formula - water wash up<br>• Delivers a subtle, elegant low sheen finish for a natural appearance<br>• Ultra tough, chemical resistant finish | **3L**<br>194X2575-3L | 2 | 14m²/L | Brush<br>4 - 11mm Nap Roller | 1.312g/L Combined Top Clear PART A & PART B | WATER |
| **Top Clear PART B**<br>• Must mix with Top Clear PART A<br>• Polyurethane formula - water wash up | **750ML**<br>194X2576-750ML | See Top Clear PART A | | | | WATER |

| TINTING | MIXING | MESH | SANDING | RECOATING | |
|---|---|---|---|---|---|
| N/A | N/A | N/A | N/A | Recommend coating after 4 hours with AcraStone Base Coat or other nominated Acratex product. | Grip Primer |
| Can be tinted to the full AcraStone colour range.<br>Add tinter to Base Coat PART A and mix with a clean slow speed mixing drill until the colour is uniform and the product is free of visible lumps.<br>**Tint PART A prior to mixing in Epoxy Resin PART B.** | PART A and PART B must be mixed in a weight ratio of 10:1 (PART A:PART B).<br>If a full pack is not used, this ratio must be weighed out carefully.<br>Add Epoxy Resin PART B to the top of the tinted PART A and mix using a clean slow speed mixing drill for 3 minutes or until all of PART B is mixed in homogeneously with no visible separation or lumps. | **Must be meshed in first coat.**<br>Apply first coat, embed 80gsm fibreglass mesh in and then apply another tight coat wet on wet over meshed Base Coat. | Both coats must be sanded to achieve a flat smooth finish and to remove mesh and trowel lines.<br>A diamond tip sanding pad must be used and it is recommend to sand between 4 and 24 hours after application depending on temperature/conditions, if left for longer product will become harder and difficult to sand. | Recommend recoating after 24 hours.<br>Can be recoated after 12 hours at 25°C 50% humidity, may be longer depending on conditions. | Base Coat PART A |
| Can be tinted to the full AcraStone colour range.<br>Add tinter to Finish Coat PART A and mix with a clean slow speed mixing drill until the colour is uniform and the product is free of visible lumps.<br>**Tint PART A prior to mixing in Epoxy Resin PART B.** | PART A and PART B must be mixed in a weight ratio of 10:1 (PART A:PART B).<br>If a full pack is not used, this ratio must be weighed out carefully.<br>Add Epoxy Resin PART B to the top of the tinted PART A and mix using a clean slow speed mixing drill for 3 minutes or until all of PART B is mixed in homogeneously with no visible separation or lumps. | N/A | It is recommended to only lightly sand the Finish Coat to remove high points.<br>The finish effect is achieved by leaving some high and low areas in the first coat.<br>The second coat is a tight coat to level the surface and bring out the mottled pattern.<br>It is recommended to sand with a diamond tip sanding pad. | Recommend recoating with the second coat of Finish Coat after 4 to 12 hours.<br>Wait 24 hours to seal with Top Clear coat. | Finish Coat MEDIUM or FINE PART A |
| See Base Coat PART A or Finish Coat Fine or Medium PART A | | | | | Epoxy Resin PART B |
| Not tinted | Top Clear PART A must be mixed with Top Clear PART B prior to use. The volume ratio must be 4:1 for the first coat and second coat on dry wall areas. (ie 1 litre PART A + 0.25 litre PART B).<br>The second coat on floors and wet areas must be double catalysed, (ie 1 litre PART A + 0.5 litre PART B) prior to use. | N/A | N/A | **WALLS**<br>Can be recoated after 2 hours.<br>**FLOORS**<br>You must wait 24 hours for film to harden enough to walk on to apply second coat. | Top Clear PART A |
| See Top Clear PART A | | | | | Top Clear PART B |

**Go to Dulux DuSpecPlus for detailed product specifications & safety guidelines →**

# Rigid Substrate Preparation

### Surface Preparation

Dulux AcraStone is a thin, multi-coat system that must be applied to a sound, smooth, properly prepared surface to ensure a high-quality finish and long-lasting durability.

### Substrate Stability

The Dulux AcraStone system is a tough, rigid finish, it must be installed over a sound, stable substrate with no movement or settlement.

### Wet Areas

When used in wet areas, Dulux AcraStone must be installed with a correctly applied waterproofing membrane that complies with AS 3740:2021 Waterproofing of domestic wet areas.

| | ASSESS SUITABILITY | CLEAN SURFACE | REPAIR SURFACE IMPERFECTIONS |
|---|---|---|---|
| **Concrete Floor** | Concrete must be placed, compacted and cured in accordance with good building practice for 28 days minimum.<br>Examine the floor for the presence of dirt, oils, grease, curing agents, laitance, efflorescence and other surface contaminants.<br>If a wax based curing compound had been used, coating of the concrete is not recommended as the wax prevents adhesion to the concrete.<br>Check the extent of cracks, voids, mechanical damage and other imperfections.<br>Check moisture content of the floor prior to coating and ensure that it is no greater than 5%. | Remove all surface and subsurface contamination using by a cleaning method appropriate for the contamination type encountered.<br>For example, remove dirt, dust, grease or oils by washing with a free-rinsing, alkaline detergent such Gamlen CA 1 in strict accordance with the manufacturer's written instructions and all safety warnings.<br>Pay attention to expansion joints.<br>Check for form oils or release agents. Use Dulux Acratex BondFree Concentrate to clean the surface. | Thoroughly and completely clean out (as required) and fill cracks, voids or other imperfections with a two-pack epoxy repair paste such as Fosroc® Nitomortar AP in strict accordance with the technical data sheet.<br>Do not fill expansion joints with any rigid fillers. Leave these until after the floor is coated.<br>All expansion joints must be caulked with a flexible polyurethane mastic or wet area silicone. |
| **Ceramic Tiles** | Inspect tile condition. Ensure tiles are in good condition and adhering well. Re-fix any loose tiles and replace or repair cracked tiles. Replace any cracked, chipped or faulty tiles, and reset any displaced tiles as required. | Remove the bulk of surface contaminant build-up by scraper or wire brushing. Remove persistent oily deposits by solvent cleaning using a suitable solvent (100% Alcohol Cleaner). Allow surface to dry.<br>Remove all dirt, moss, lichen, mould and all other surface contaminants by detergent washing and a stiff bristle brush. Rinse thoroughly with clean water. Alternatively, medium to high pressure water blast, taking care not to damage the mortar or tiles. (Aged tiles can be brittle.). Ensure surface is clean, dry and defect-free before proceeding.<br>Be sure to remove all old silicone. | N/A |
| **Compressed Fibre Cement** | Any major design faults leading to structural failure must be corrected prior to coating. | Clean to remove all dirt, dust, laitance, powdery surfaces and all other surface contaminants by using a suitable cleaning agent and rinse with fresh, potable water, or use Dulux Acratex PrepTreat™. After surface has been cleaned, treat any mould present with a propriety mould treatment as per the manufacturer's instructions. | Prime with the primer nominated in the Coating System section of the specification.<br>All patching and repair mediums must be cementitious and embedded to a minimum depth of 6mm. i.e , Emer-Patch™ Skim Coat, or Fosroc Renderoc® HB and Fosroc Renderoc FC in strict accordance with the relevant technical data sheets. Ensure repairs are finished flush with the sound surface and allowed to cure.<br>Please check for the presence of any sealer coats or hydrophobic agents first before undertaking coating. |

**Go to Dulux DuSpecPlus for detailed product specifications & safety guidelines →**

| ABRADE SURFACE | CONTROL JOINTS | SPECIFIED BASE LEVELLING COAT | |
|---|---|---|---|
| Diamond grind, blast-track or mechanically abrade concrete floors in strict accordance with SSPC-SP 13/NACE No. 6 Joint Surface Preparation Standard "Surface Preparation of Concrete" to remove laitance, curing compounds, hardeners, loosely adhering concrete, and/or other contaminants. | Control joints are required for large flooring areas to minimise the risk of cracking. It is recommended to position control joints at doorways between rooms or at natural breaks in the room layout. On floors considerably larger than 6m x 6m, it is recommended to cut control joints every 6 metres or in an areas where a natural break occurs such as between rooms. Control joints can be cut using a multitool. Do not coat over structural control joints, these must be left free and filled using a flexible polyurethane mastic or wet area silicone. | Dulux AcraStone Base Coat (PART A & PART B) with embedded 80gsm fibreglass mesh. | **Concrete Floor** |
| Any glazed tiles such as ceramic or terrazzo tiles must be abraded with a suitable power tool fitted with a nylon abrasive pad such as a Scotch-Brite® pad to maximise adhesion. Ensure the surface is free of dust and contaminants. | Control joints are required for large flooring areas to minimise the risk of cracking. It is recommended to position control joints at doorways between rooms or at natural breaks in the room layout. On floors considerably larger than 6m x 6m, it is recommended to cut control joints every 6 metres or in an areas where a natural break occurs such as between rooms. Control joints can be cut using a multitool. Do not coat over structural control joints, these must be left free and filled using a polyurethane sealant. | Dulux AcraStone Base Coat (PART A & PART B) with embedded 80gsm fibreglass mesh. | **Ceramic Tiles** |
| N/A | Must be installed as per manufacturer's current fixing manuals. | Dulux AcraStone Base Coat (PART A & PART B) with embedded 80gsm fibreglass mesh. | **Compressed Fibre Cement** |

# More Flexible Substrate Preparation

### Surface Preparation

Dulux AcraStone is a thin, multi-coat system that must be applied to a sound, smooth, properly prepared surface to ensure a high-quality finish and long-lasting durability.

### Substrate Stability

The Dulux AcraStone system is a tough, rigid finish, it must be installed over a solid, stable substrate with no movement or settlement.

### Wet Areas

When used in wet areas, Dulux AcraStone must be installed with a correctly applied waterproofing membrane that complies with AS 3740:2021 Waterproofing of domestic wet areas.

| | ASSESS SUITABILITY | CLEAN SURFACE | REPAIR SURFACE IMPERFECTIONS |
|---|---|---|---|
| **Plasterboard** | Examine the surface for the presence of dirt, stains, mortar splashes, building marks, or other contaminants.<br>Ensure the plasterboard joints are smooth and flush with the plasterboard sheets.<br>Check that the plasterboard has been installed to the agreed level of finish as defined in Australian/New Zealand Standard AS/NZS2589. | Ensure surface is clean and free from dust.<br>Note: Fibrous plaster, set plaster or plasterglass must be sealed with a solvent based pigmented penetrating sealer such as Dulux PRECISION® Sealer Binder. Allow to dry for 24 hours. | Fill cracks and surface imperfections with a suitable plasterboard filler such as Selleys® Spakfilla® Rapid™. |
| **Brick/Block** | Examine the surface for the presence of dirt, stains, mortar splashes, building marks, efflorescence or other contaminants.<br>Check concrete moisture content with a standard moisture meter, which must be no greater than 10 %.<br>Efflorescence is a sign of moisture ingress and must be addressed before any coating can be applied. | Remove any hard, powdery layers, laitance or efflorescence with stiff bristle brush, wire brush, power tool fitted with a cup brush or paint scraper. Sweep off residual dust.<br>Remove persistent contaminants by detergent cleaning using a commercial cleaner and hot or cold water and scrub thoroughly with a stiff bristle brush or broom and then rinse clean with fresh water. This may need to be repeated on extremely dirty surfaces until all contaminants are removed.<br>Treat mould or moss with a suitable biocide treatment strictly in accordance with the manufacturer's instructions. Ensure that the surface is dry, clean and free from dust. | Any design faults leading to structural failure must be corrected prior to repainting.<br>Repair any cracks, voids or other surface imperfections with a suitable shrinkage-compensated repair product depending on the size and extent of the defect, such as Dulux Acratex® AcraPatch® Coarse mix, Emer-Patch Skim Coat, or Fosroc Renderoc HB and Fosroc Renderoc FC products in strict accordance with the relevant technical data sheets. Ensure repairs are finished flush with the sound surface and allowed to cure.<br>Fill any gaps or expansion joints after coating with a coloured high-performance flexible adhesive sealant and smooth off. |
| **White-set Plaster** | N/A | Clean surface with a mild detergent then thoroughly rinse with clean fresh water. | Allow set plaster substrates to fully cure and dry to equilibrium moisture content.<br>Ref. AS/NZ2311 - 3.9.2.1 Table 3.1 and 3.10.3.<br>Fill cracks and surface imperfections with patching plaster or Selleys Spakfilla Rapid. Any gaps resulting from structural movement should be filled with a flexible gap sealant. |

**Go to Dulux DuSpecPlus for detailed product specifications & safety guidelines →**

| SAND SURFACE | CONSIDERATIONS | SPECIFIED BASE LEVELLING COAT | |
|---|---|---|---|
| Sand smooth using a plasterboard hand sander fitted with 180 to 220 grit sandpaper, taking care to remove any visual ridges or undulations across plasterboard joints to minimise the appearance of banding when painted. Then dust down with a broom. | Ensure all existing coating is sound and well adhering to substrate. | First coat Dulux Acratex AcraPatch Smooth + 15% Off White Cement embedded with 80gsm fibreglass mesh.<br>Second coat of Dulux Acratex AcraPatch Smooth with 15% Off White Cement on wet. | **Plasterboard** |
| N/A | N/A | Dulux Acratex AcraPatch Smooth + 15% Off White Cement embedded with 80gsm fibreglass mesh. | **Brick/Block** |
| Sandpaper smooth and flush, and dust off thoroughly. | **Important Information**<br>Due to the variation of set plaster in Western Australia, Dulux recommends the use of solvent based Dulux PRECISION Sealer Binder. | First coat Dulux Acratex AcraPatch Smooth + 15% Off White Cement embedded with 80gsm fibreglass mesh.<br>Second coat of Dulux Acratex AcraPatch Smooth with 15% Off White Cement on wet. | **White-set Plaster** |

# More Flexible Substrate Preparation (continued)

### Surface Preparation

Dulux AcraStone is a thin, multi-coat system that must be applied to a sound, smooth, properly prepared surface to ensure a high-quality finish and long-lasting durability.

### Substrate Stability

The Dulux AcraStone system is a tough, rigid finish, it must be installed over a solid, stable substrate with no movement or settlement.

### Wet Areas

When used in wet areas, Dulux AcraStone must be installed with a correctly applied waterproofing membrane that complies with AS 3740:2021 Waterproofing of domestic wet areas.

| | ASSESS SUITABILITY | CLEAN SURFACE |
|---|---|---|
| **Fibre Cement** | Ensure installation is carried out in accordance with the manufacturer's fixing manual. | Clean to remove all dirt, dust, laitance, powdery surfaces and all other surface contaminants by using a suitable cleaning agent and rinse with fresh, potable water, or by using medium water blast to 1500 PSI using clean, potable water.<br>After surface has been cleaned, treat any mould present with a propriety mould treatment as per the manufacturers instructions. |
| **Rendered Surface** | Inspect the surface. The surface should be uniform in colour, texture and be free of surface cracks greater than 0.2mm.<br>Test for drummy sections; drummy sections identified by a hollow ring when tapped with a coin indicate poor adhesion of the render to the substrate and must be removed and reinstated using a similar type/mix to ensure compatibility, strong adhesion and a good visual match as approved by the project consultant.<br>Check for the presence of dirt, stains, mortar splashes, building marks, efflorescence or other contaminants.<br>Efflorescence is a sign of moisture ingress and must be addressed before any coating can be applied.<br>Render must be completely cured and sound with no softness.<br>Allow render to cure for 28 days. Complete a moisture check, moisture should be under 10%. | Remove all dirt, dust, efflorescence, laitance, powdery surfaces, mortar splashes and all other surface contaminants by wire brush, power tool fitted with an appropriate cup brush, or a suitable commercial detergent or high-pressure water blast clean 1500-2500 PSI with clean, potable water.<br>Test if the surface is ready for coating by sprinkling water on it. If the water beads, repeat the cleaning process. If the water wets out and absorbs into the surface, it is clean and ready for coating.<br>Treat mould or moss with a suitable biocide strictly in accordance with the manufacturer's instructions after the substrate has been pressure washed, leave for 24 hours prior to coating. Allow to dry. |

**Go to Dulux DuSpecPlus for detailed product specifications & safety guidelines →**

| REPAIR SURFACE IMPERFECTIONS | CONSIDERATIONS | SPECIFIED BASE LEVELLING COAT | |
|---|---|---|---|
| Any major design faults leading to structural failure must be corrected prior to Dulux AcraStone application. | Prime with the primer nominated in the Coating System section of the specification. | Dulux Acratex® AcraPatch® Smooth + 15% Off White Cement embedded with 80gsm fibreglass mesh. | **Fibre Cement** |
| Remove any drummy areas and repair with a suitable patching compound such as Dulux Acratex AcraPatch Coarse mixed with 10-20% fresh Portland cement and allow to cure.<br>Repair any cracks or surface imperfections with a suitable filler.<br>Any gaps resulting from structural movement must be filled with a paintable, flexible high-performance adhesive sealant and smoothed off. Refer to Dulux for suitable repair products. | Check concrete moisture content with a standard moisture meter, which must be no greater than 10% before painting can commence.<br>Commence coating after cleaning to ensure the substrate does not become recontaminated. | Dulux Acratex® AcraPatch® Smooth + 15% Off White Cement embedded with 80gsm fibreglass mesh. | **Rendered Surface** |

Dulux AcraStone

# Typical System


**Dulux AcraStone Top Clear x 2**

**2nd Dulux AcraStone Finish Coat**

**1st Dulux AcraStone Finish Coat**

**2nd Dulux AcraStone Base Coat or Dulux Acratex AcraPatch Smooth + 15% Off White Cement**

**1st Dulux AcraStone Base Coat or Dulux Acratex AcraPatch Smooth + 15% Off White Cement embedded with 80gsm fibreglass mesh**

**Dulux AcraStone Grip Primer**

**Prepared Substrate**

# Work Schedule

## Preparation

Prepare and clean substrate as stated in substrate preparation information.

### Key things to consider are:

1. Substrate must be sound and free from loose materials such as crumbling concrete or loose ceramic tiles.
2. Substrate must be flat and smooth, Dulux AcraStone is not a building coat, substrate must already be smooth and level.
3. Concrete and render substrates must be fully cured and have moisture content below 10%.
4. Any crack repair or patching must be completed before starting Dulux AcraStone application. Dulux AcraStone will not bridge cracks.
5. Ensure the surface is free of any dust, dirt or grease.
6. For floors and shower niches, ensure a minimum slope of 12.5mm per linear metre is present to avoid water stagnation.

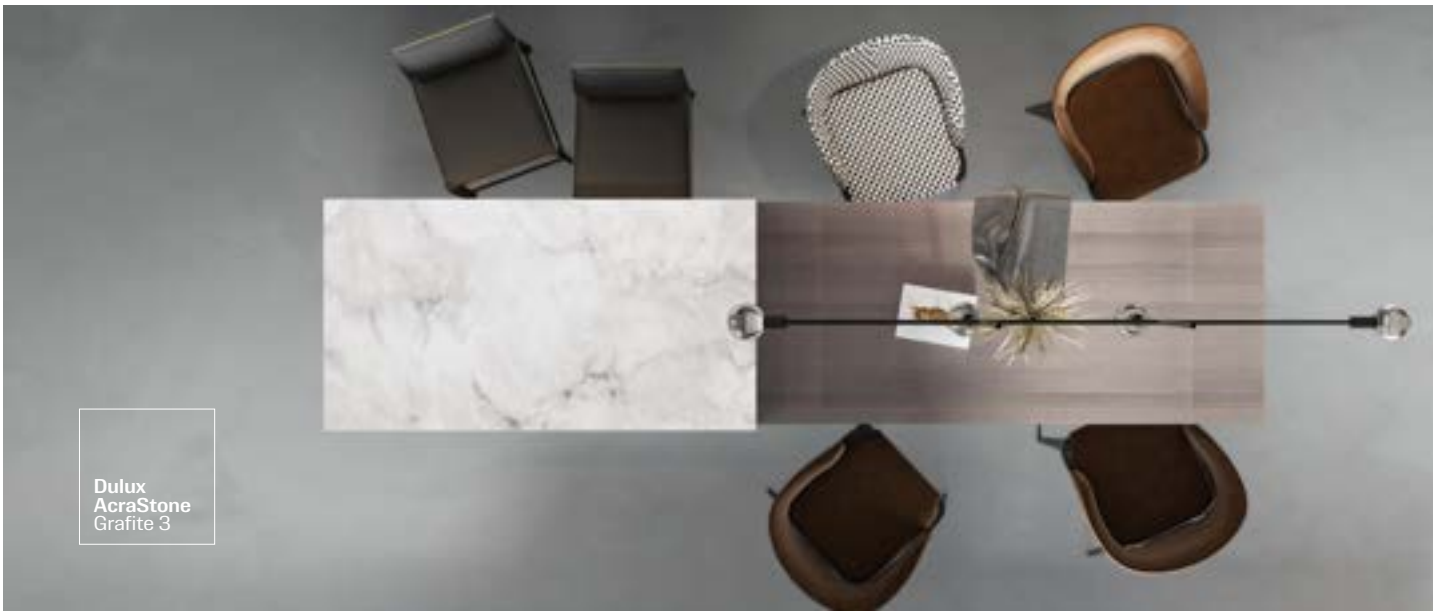

## Step 1

Prime substrate with Dulux AcraStone Grip Primer or other nominated primer. Allow to dry for 4 hours (at 25ºC and 50% humidity).

## Step 2

For flooring: lay 80gsm fibreglass mesh down on the substrate, take care to ensure the full substrate is covered and each piece of mesh is butted up closely to the next piece.

Take care to ensure the whole floor and wall area is meshed including butting pieces of mesh together and getting mesh as close to the corners as possible.



# Work Schedule (continued)


## Step 3

Mix Dulux AcraStone Base Coat PART A with Dulux AcraStone Epoxy Resin PART B in a ratio of 10:1 (A:B). One full pack of PART A can be mixed with one full pack of PART B. If not using a full pack, they can be weighed out as needed, it is recommended to mix both components individually prior to weighing out to ensure no product has had any settling.

Mix using a clean slow speed mixing drill for 2 to 3 minutes or until mix is homogeneous and no signs of lumps etc.

## Step 4

### FLOORS

Apply mixed Dulux AcraStone Base Coat by pouring out on the floor and using a stainless steel trowel to push out until the whole floor is covered. It should be applied as a thin coating and should not be applied thicker than 0.7m$^2$/L.

### WALLS

Apply Dulux AcraStone Base Coat or Dulux Acratex AcraPatch Smooth (with 15% cement) depending on the specification and then embed 80gsm fibreglass mesh. Push mesh in using a stainless steel trowel. Apply a tight coat over mesh wet on wet to help hide mesh.

Take care to ensure the whole floor and wall area is meshed including butting pieces of mesh together and getting mesh as close to the corners as possible.

## Step 5

Sand Dulux AcraStone Base Coat to achieve a smooth flat surface. A diamond tip (50 grit) sanding pad is required. Depending on conditions, Dulux AcraStone Base Coat should be sanded between 5 and 24 hours after application. If left too long, the product will become too hard to sand. Some mesh lines will still be visible after sanding, this will be hidden by further coats.

## Step 6

Apply a further coat of Dulux AcraStone Base Coat or Dulux Acratex AcraPatch Smooth + 15% Off White Cement depending on specification/ substrate. Sand this coat to achieve a smooth flat finish with no mesh or trowel lines. Dulux AcraStone Base Coat should be sanded between 5 and 24 hours later before it becomes too hard.

# Work Schedule (continued)


## Step 7

Tint Dulux AcraStone Finish Coat Fine or Medium PART A and mix using a clean slow speed mixing drill. Mix Dulux AcraStone Finish Coat Fine or Medium PART A with Dulux AcraStone Epoxy Resin PART B in a ratio of 10:1 (A:B). One full pack of PART A can be mixed with one full pack of PART B. If not using a full pack, they can be weighed out as needed, it is recommended to mix both components individually prior to weighing out to ensure no product has had any settling.

Mix using a clean slow speed mixing drill for 2 to 3 minutes or until mix is homogeneous and no signs of lumps etc.

## Step 8

Apply first coat of Dulux AcraStone Finish Coat Fine or Medium. Build pattern into the first coat. To achieve a mottled finish, the first coat must have some high and low areas to achieve the desired finish.

## Step 9

Sand high points on first Finish Coat using a diamond tip (100 grit) sanding pad to remove unwanted lines etc. Only sand a small amount to remove very high points. Over sanding will remove pattern and mottled appearance.

## Step 10

Apply second Finish Coat as a tight coat to level surface and to fill in highs and lows. A third very tight coat can be applied to bring our a more textured finish if required. Allow the Finish Coat coat to cure overnight before applying the Dulux AcraStone Top Clear coat.


## Step 11

Mix Dulux AcraStone Top Clear PART A with Top Clear PART B at a volume ratio of 4:1 (A:B). Apply Dulux AcraStone Top Clear using a 4-11mm mohair nap roller.

Allow to cure for 2 hours (at 25ºC and 50% humidity) on walls before applying second coat of Dulux AcraStone Top Clear. Allow to cure for a minimum of 12 hours (25ºC & 50% humidity) on floors before applying the second coat of sealer. The overnight cure is required on flooring as coating will remain slightly tacky and walking on it can cause debris and dust etc. to stick to coating.

# Work Schedule (continued)

## Step 12

For the second coat of Dulux AcraStone Top Clear on floors and in wet areas, double catalysing of PART A is mandatory, meaning the amount of PART B must be doubled from the first coat. For the double catalysed second coat, the mix ratio increases to 2:1 (A:B), for example, 1.0 L PART A + 0.5 L PART B. When using full packs, mix 1 PART A with 2 PARTS B, and when mixing partial containers, maintain a 2:1 ratio (A:B) to ensure correct catalysation and performance. The second coat of Dulux AcraStone Top Clear on floors and in wet areas, double catalysing of PART A is mandatory, meaning the amount of PART B must be doubled from the first coat. For the double catalysed second coat, the mix ratio increases to 2:1 (A:B), for example, 1.0 L PART A + 0.5 L PART B. When using full packs, mix 1 PART A with 2 PARTS B, and when mixing partial containers, maintain a 2:1 ratio (A:B) to ensure correct catalysation and performance.

### Detail between walls, floors and internal corners

If the Dulux AcraStone system is applied to walls and floors within the same room, a 3–4 mm gap must be left at all wall-to-floor junctions and internal corners to allow for caulking. This can be achieved using tape or a spacer, which is removed once the coating system is complete and the gap is then filled with caulking. Caulking must be applied after the final Dulux AcraStone Top Clear has been applied. It is recommended to apply Top Clear into the joint prior to caulking to ensure water cannot penetrate between the caulking and the sealer.

### Drains

A 3-4mm wide and deep gap must be cut around the drain using a multi tool. This allows application of caulking. Avoid causing damage to existing waterproofing.

# Cleaning and Maintenance

## Cure Time Before Use

Following the complete application of the full Dulux AcraStone system:

Do not use shower for the first **7 days**.

Do not walk on with shoes for the first **7 days**.

Do not allow contact with water or cleaning products for the first **7 days**.

Do not place heavy items on the surface for the first **7 days**.
Avoid dragging heavy objects for the first **28 days**.


## Cleaning

Dulux AcraStone Top Clear is a chemical-resistant, water-based polyurethane coating. Standard household cleaners (e.g. Windex® Shower Cleaner) may be used – spray and wipe immediately; do not let cleaners sit on the surface. Clean only with a soft sponge or microfibre cloth; do not use scourers. Avoid water or cleaning for at least 7 days after application.

## Staining

The Dulux AcraStone system offers excellent stain resistance; however, staining may occur if aggressive household chemicals, foods or beverages are left on the surface for extended periods. This includes substances such as red wine, coffee, grease, and oil. To minimise the risk of staining, spills should be wiped up immediately.

Do not use the product around cooktops, as there is a high risk of exposure to hot oil splatter. Avoid contact with hot pots and pans, as this may also cause staining.

## Inspection and re-sealing

For exterior application it is recommended to regularly inspect the coating for wear of the Dulux AcraStone Top Clear coat. This coat is important for UV resistance. If wear is noticed it is recommended to lightly sand the surface and then re-coat with Dulux AcraStone Top Clear to maintain the systems resistance to UV light.

Dulux AcraStone

# Exterior Use

The Dulux AcraStone system is suitable for covered exterior applications where the substrate is in sound condition and is low risk to movement and cracking. Examples of suitable exterior applications include: a covered balcony where Dulux AcraStone can be applied onto existing tiles, floors or exterior walls under a covered area.

For exterior applications as noted above, three coats of Dulux AcraStone Top Clear must be used for UV protection.

For concrete/specialty finishes on broadwall applications, Dulux recommends the use of Dulux Acratex AcraShield® Concrete which is a flexible acrylic designer finish that can produce a Polished "Concrete" finish to suitably prepared substrates.


# FAQs

**What makes this product different to the previous Dulux system?**

Traditional microcement is two pack product that is one part cement and one part liquid resin. This type of product has traditionally been used to achieve the desired appearance but is completely reliant on the top sealer coat for all stain and water resistance. If water is able to penetrate the sealer the cementitious system will stain.

The Dulux AcraStone Base Coat and Finish Coat products are water-based epoxy technology making them stain and water resistant at each layer. They also offer improved impact and abrasion resistance.

**Can it be used with in ground heating?**

On new radiant floors, make sure that the appropriate screed has been laid and that is has properly cured. Climatic conditions and humidity can affect the drying time of the screed. The substrate moisture must be less than 5% WME/ Wood moisture equivalent. Measure the moisture using a moisture meter.

The heating system has to be switched off 4 days before starting application. The maximum floor temperature should be 18ºC.

The heating system must remain switched off for the entire application time of the system and for at least 7 days after the application of the last coat.

Always change the temperature gradually at the beginning and at the end of the period of use of the heating system.

Always avoid heat accumulation due to carpets or rugs or lack of space between the furniture and the floor.

**Can it be used on kitchen splashbacks and benchtops around cooktops?**

No, our products are not recommended for this application. Do not use the product around cooktops, as there is a high risk of exposure to hot oil splatter. Avoid contact with hot pots and pans, as this may also cause staining.

# FAQs (continued)

### Is Dulux AcraStone low VOC?

**See VOC levels on page 19 of this guide →**

### Does it stain?

The Dulux AcraStone system is stain resistant but can still be stained if aggressive household chemical, foods or drinks are left on the surface for too long. This includes drinks such as red wine, coffee, grease and oil. It is recommended to wipe up spills straight away to avoid staining on surfaces.

### What do you mean when you say 'double catalyse' the Dulux AcraStone Top Clear?

This is the process of adding 2 packs of PART B to one pack of PART A. This is a volume ratio of 2:1 (A:B). This improves surface hardness making it more stain and water resistant.

For example: For the second coat of Dulux AcraStone Top Clear on floors and in wet areas, double catalysing of PART A is mandatory, meaning the amount of PART B must be doubled from the first coat. For the double catalysed second coat, the mix ratio increases to 2:1 (A:B), for example, 1.0 L PART A + 0.5 L PART B. When using full packs, mix 1 PART A with 2 PARTS B, and when mixing partial containers, maintain a 2:1 ratio (A:B) to ensure correct catalysation and performance. The second coat of Dulux AcraStone Top Clear on floors and in wet areas, double catalysing of PART A is mandatory, meaning the amount of PART B must be doubled from the first coat. For the double catalysed second coat, the mix ratio increases to 2:1 (A:B), for example, 1.0 L PART A + 0.5 L PART B. When using full packs, mix 1 PART A with 2 PARTS B, and when mixing partial containers, maintain a 2:1 ratio (A:B) to ensure correct catalysation and performance.

### What colours are available?

Dulux AcraStone is available in a curated range of on-trend colours. Each colour is available in several strengths, giving you a variety of options to achieve your desired look.

**See the full colour range at acrastone.com.au →**

### Can I use Dulux AcraStone in commercial applications?

Yes, Dulux AcraStone is a very hard wearing coating system that is suitable for high traffic commercial areas.

### Can I use the Dulux AcraStone system on floors in commercial applications?

Yes you can. Our slip resistance testing has been conducted in accordance with AS 4586-2013.

**See slip test results on page 18 of this guide →**

### What primer should I use for ceramic tiles?

Dulux AcraStone Grip Primer is a water-based adhesion primer designed for difficult or non-absorbent substrates, including tiles. It is applied directly onto ceramic tiles in one coat using a 10-20mm nap roller and is used as the first coat beneath the Dulux AcraStone Base Coat.

### Can Dulux AcraStone be used in showers?

Yes, Dulux AcraStone is water resistant at every layer. It can be used in wet areas and steam rooms. Subject to original waterproofing being in sound condition.

**Go to Dulux DuSpecPlus for detailed product specifications & safety guidelines →**

### When is mesh required?

80gsm fibreglass mesh must be embedded into the first coat of Dulux AcraStone Base Coat or Dulux Acratex AcraPatch Smooth for both walls and floors in ALL applications.

### Will the final finish vary between applicators?

Yes, each application is specific to the applicators unique technique and no two walls will match exactly. It is recommended to provide a sample board so the applicator and owner understand how the finish will appear.

# External Testing

## Slip Testing

Slip testing rating tested to AS 4586:2013 Appendix A.

| SYSTEM | SLIP RATING (SLIDER 96) | SLIP RATING (SLIDER 55) |
|---|---|---|
| Dulux AcraStone System Finish Coat Fine | P2 | P1 |
| Dulux AcraStone System Finish Coat Medium | P4 | P2 |
| Dulux AcraStone System + 65 g/L Ultra Grip in 1st AcraStone Top Clear | P4 | P5 |
| Dulux AcraStone System + 105 g/L Ultra Grip in 1st AcraStone Top Clear | P5 | P5 |

## Surface Water Absorption

Surface Water Absorption tested by the CSIRO to AS ISO 13007.2-2013 Appendix A.4.2.
Refer CSIRO report XC4094.

| PRODUCT/SYSTEM | 0 HOURS (ml) | 1 HOURS (ml) | 2 HOURS (ml) | 3 HOURS (ml) | 4 HOURS (ml) |
|---|---|---|---|---|---|
| Dulux AcraStone Base | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dulux AcraStone Finish Coat Fine | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dulux AcraStone Finish Coat Medium | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dulux AcraStone Top Clear | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Dulux AcraStone Full System | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

## Effect of Shower Chemicals

Effect of shower chemicals tested by CSIRO to ASTM D1308-20 'Effect of Household Chemicals on Clear and Pigmented Coating Systems'. Refer CSIRO report XC4094.

| PRODUCT/SYSTEM | PINE O CLEEN® | HAIR CONDITIONER | SHAMPOO | JIF® CLEANER | EXIT MOULD® | WINDEX SHOWER CLEANER | DOMESTOS® BLEACH |
|---|---|---|---|---|---|---|---|
| Dulux AcraStone Base Coat | No Change | No Change | No Change | No Change | No Change | No Change | No Change |
| Dulux AcraStone Finish Coat Fine | No Change | No Change | No Change | No Change | No Change | No Change | No Change |
| Dulux AcraStone Finish Coat Medium | No Change | No Change | No Change | No Change | No Change | No Change | No Change |
| Dulux AcraStone Top Clear | No Change | No Change | No Change | No Change | No Change | No Change | No Change |
| Dulux AcraStone Full System | No Change | No Change | No Change | No Change | No Change | No Change | No Change |

**Go to acrastone.com.au to view full test certificates →**

# External Testing (continued)

## VOC Levels

| PRODUCT | VOC (THEORETICALLY CALCULATED) |
|---|---|
| Dulux AcraStone Grip Primer | 66.8g/L |
| Dulux AcraStone Base Coat PART A | 0g/L |
| Dulux AcraStone Finish Coat Medium PART A | 0g/L |
| Dulux AcraStone Finish Coat Fine PART A | 0g/L |
| Dulux AcraStone Epoxy Resin PART B | 0g/L |
| Dulux AcraStone Top Clear PART A | 1.312g/L |
| Dulux AcraStone Top Clear PART B | 1.312g/L |

# Tools

As part of the Dulux AcraStone range we have sourced high quality tools from CO.ME, one of Europe's leading tool manufacturers. Providing all the tools needed to achieve a professional high-end finish. Tools can be purchased from select Dulux Trade outlets.

### CO.ME Bianko Flex Stainless Steel Trowel

**Lineshade:** N4157429-UNIT **Size:** 240mm×100mm×0.5mm

Suitable for finishing Dulux AcraStone particularly in light colours, as it does not leave black marks.

### CO.ME Bianko ProFlex Stainless Steel Trowel

**Lineshade:** N4157427-UNIT **Size:** 300mm×110mm×0.3mm

Suitable for finishing Dulux AcraStone particularly in light colours, as it does not leave black marks.

### CO.ME ProFlex Polycarbonate Trowel

**Lineshade:** N4187430-UNIT **Size:** 280mm×110mm×1.5mm

Used mainly for finishing Dulux AcraStone on walls.

### CO.ME ProFlex Stainless Steel Trowel

**Lineshade:** N4157428-UNIT **Size:** 360mm×110mm×0.3mm

Suitable for Dulux AcraStone Base Coat.

### CO.ME ProFlex Polycarbonate Trowel

**Lineshade:** N4157431-UNIT **Size:** 360mm×110mm×1.5mm

Used mainly for finishing Dulux AcraStone on floors.

### CO.ME LightFlex Stainless Steel Trowel

**Lineshade:** N4157426-UNIT **Size:** 240mm×100mm×0.3mm

Its flexibility allows for use on curved surfaces.

### CO.ME Microcement Tool Box

**Lineshade:** N4157424-UNIT

Complete with 8 specialist tools.

# Notes

Dulux®

AcraStone™

**Download the Dulux Acratex App to get one touch access to:**

- Product & system information
- Datasheets
- Brochures
- Image galleries
- Product calculators and more

Download on the App Store

GET IT ON Google Play

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Learn more at **acrastone.com.au**

or call Dulux Customer Service **13 23 77**



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