

19 December 2017/ V10

PRODUCT DESCRIPTION

An environmentally friendly, resin-based stucco.
This contemporary coating exudes a sensual veined look, with a super polished, smooth-as-glass feel.
The product conforms to GBCSA environmental requirements and EU 2010 targets.



COLOUR RANGE

Available in a range of standard colours.

Refer to the Earthcote Pandomo colour card. The colours are tinted at the point of sale.
(Maximum tint usage with non-standard colour is 70 units / litre. Allow to stand overnight after tinting to recover viscosity.)
It is important to note, and must be explained to clients, that colours can vary slightly from batch to batch and the final finish can also vary from application to application due to the nature of this product.

SPECIAL NOTE: Colours can be tinted using Zero VOC, Glycol Free, APEO free, NPEO free, and Formaldehyde free strainers which do not add to the VOC of the product, unlike the standard tinters used within the paint industry.

PACKAGING

5 litre and 20 litre

RECOMMENDED FOR

INTERIOR surfaces only.
Earthcote Pandomo can be applied onto correctly prepared previously painted or new surfaces, or onto raw plaster.
Surfaces must be smooth and even. Can also be applied to correctly prepared wooden surfaces.
Can be used on counter and vanity tops but must be correctly sealed.

NOT RECOMMENDED FOR

Not suitable for use in showers and around baths, basins and kitchen sinks etc. or in other wet areas.
Do not apply to stippled walls unless walls are skimmed to a smooth finish using a suitable skim plaster.

PREPARATION

PLEASE NOTE: Correct preparation is essential. All surfaces must be sound, free of friable materials, free of latence and prepared in the recommended manner. **IMPORTANT:** All surfaces must be dry before application and should not exceed a moisture content of 10%, as measured with an approved moisture meter.
For more information on surface preparation contact your closest Paintsmiths store.

New work

Lightly sand down all plaster surfaces to provide a sound, smooth substrate.
Clean down all surface dust, grease and dirt.
Scrape off all loose material and cement splashes.

Redecoration of previously painted surfaces

Prepare surfaces by removing all loose coatings, flaking paint, friable deposits, grease, dirt and cement splashes etc.
Sand thoroughly to break surface gloss (whether acrylic coating or enamel paint) to provide a uniform finish.
Brush down and wash to remove dust and surface contamination and wipe clean.
Rake out all cracks (other than hairline i.e. greater than 0.5mm).
Prime inside of cracks and other imperfections with Midas Masonry Primer and fill flush all cracks, holes and 'mapping' with Midas Skimfill Interior to match existing surface. Sand lightly and wipe clean.

NOTE: Where any fillers have been used to smooth or repair the surface or if other patches including chase marks etc are present then the area must be spot primed followed by 1 full coat of Masonry Primer (as per recommended spread rates), followed by 1 coat of Ultra Fine Aggregate Primer, tinted to your chosen colour. If no patches are visible then 1 full coat of Masonry Primer must still be applied prior to the Ultra Fine Aggregate Primer.

APPLICATION

It is recommended that this product be applied by a skilled applicator.

PRIMING

Apply 1 coat of Midas Ultra Fine Aggregate Primer to prepared surface at a spread rate of $\pm 6m^2/litre$.
Ensure total coverage of the substrate
Important: Allow 4 hour minimum drying time before over-coating with finishing coats.

COATING

Apply 2 coats of Earthcote Pandomo with a steel trowel to primed surfaces at a spread rate of $\pm 2m^2/litre$ per coat in 2 - 4m² areas and immediately smooth and flatten with the steel trowel.
Allow first coat to dry for 16 hours (overnight) and then lightly sand with 100 grit sandpaper to remove any high spots before applying the second coat.
Correctly remove all powder from surface then wipe with a slightly damp cloth.
Apply the second coat in the same manner as the first and allow to dry.

ENVIRONMENTAL NOTE

Please note: Disposal of paint containers and/or contents other than in an approved manner may result in contamination of our water ways or the pollution of our environment. Do not clean equipment where water and solvents will enter storm water drains. Please dispose of unused paint and paint containers through an approved recycling scheme or seek advice from our local council about other accepted disposal methods. For more information on our environmental policies, enquire in store.

VOC GREEN FILTER

The information herein provided is based upon our current theoretical compositions/calculations, and current data from our raw material suppliers.
We thus reserve the right to amend and correct when/if necessary.

FOOTNOTE

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SEALING

For general wall areas:

Sand down with a 360 grit water paper and dust off with a slightly damp cloth.

Apply 1 coat of Earthcote Colour Retaining Primer using a Paintsmith's 225mm Polypile roller and a Paintsmith's 50mm Utility brush (for cutting in) at spread rate of $\pm 10\text{m}^2$ per litre. Allow 4 hours drying time before over coating.

Apply 2 coats of Earthcote Wall Wax by hand with a lint free mutton cloth or buffing machine with lamb's wool pad at spread rate of $\pm 40\text{m}^2$ per 1.7 kg tin. Allow 30 minutes drying time between coats of the Wall Wax and then proceed with the second coat in the same manner.

OR

For high traffic areas, counter tops and vanities:

Sand down with a 360 grit water paper and dust off with a slightly damp cloth.

Apply 1 coat of Earthcote Colour Retaining Primer using a Paintsmith's 225mm Polypile roller and a Paintsmith's 50mm Utility brush (for cutting in) at a spread rate of $\pm 10\text{m}^2$ per litre. Allow 4 hours drying time before over coating.

Apply 2 coats of Earthcote Solvent-based Twin Pack Acrithane using a brush or Paintsmith's 225mm Polypile roller at spread rate of $\pm 10\text{m}^2$ per litre, per coat. Allow 8 hours drying time between coats.



SPREAD RATES AT A GLANCE

Primer

Earthcote Ultra Fine Aggregate Primer: $\pm 6\text{m}^2$ /litre depending on porosity of substrate. (1 coat application)

Coating

Earthcote Pandomo: $\pm 2\text{m}^2$ /litre per coat (2 coat application)

Sealers

Earthcote Wall Wax: $\pm 40\text{m}^2$ per 1.7kg tin

Earthcote Colour Retaining Primer: $\pm 10\text{m}^2$ /litre per coat (1 coat application)

Earthcote Solvent-based Twin Pack Acrithane, Satin or Gloss: $\pm 10\text{m}^2$ /litre per coat (2 coat application)

NOTE: The spread rates quoted are approximate and should only be used as a guide as the actual rate will vary depending on the condition and porosity of the substrate.

OVERCOATING TIMES AT A GLANCE

Primer

Earthcote Ultra Fine Aggregate Primer: 4 hours

Coating

Earthcote Pandomo: 16 hours (overnight)

Sealers

Earthcote Wall Wax: 30 minutes between coats

Earthcote Colour Retaining Primer: 4 hours between coats

Earthcote Solvent-based Twin Pack Acrithane, Satin or Gloss: 8 hours between coats

NOTE: It is very important that over coating times, as set out for the various products, are adhered to and also that the prevailing weather conditions are taken into account. Ambient and substrate temperatures, humidity and wind etc. can influence drying times of all coatings.

Performance problems can occur if any of the previous coats have not been allowed to dry properly before being overcoated.

IMPORTANT: To prevent surface contamination, coatings must not be left longer than 48 hours between coats. If environmental or weather conditions have caused surface contamination, all surfaces must be thoroughly washed down before applying the next coating.

FULL CURE OF SEALERS: Full cure of the Earthcote Solvent-based Twin Pack Acrithane coatings is approximately 5 to 7 days. However, after 3 days there can be light foot traffic.

CLEANERS/SOLVENTS AT A GLANCE

Primer

Earthcote Ultra Fine Aggregate Primer: Water

Coating

Earthcote Pandomo: Water

Sealers

Earthcote Wall Wax: Mineral Turpentine

Earthcote Colour Retaining Primer: Water

Earthcote Solvent-based Twin Pack Acrithane, Satin or Gloss: Earthcote Acrithane solvent

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IMPORTANT INFORMATION AND HOW TO PREVENT PROBLEMS

IMPORTANT: Walls (cement plaster, concrete or masonry) must be dry before painting and should not exceed a moisture content of 10% as measured with a Protimeter Surveymaster Moisture Meter or equal. The ambient temperature must not be below 10°C and not higher than 35°C. Humidity must not be below 10% and not higher than 85%.



- **Because Pandomo is a natural product that contains lime the presence of white spots in the final finish can never be excluded.**
However these are generally more obvious in darker colours.
- **Do not store or apply Earthcote Pandomo in cold and damp conditions. Because of the lime present in this product, low temperatures and moisture can create 'lime blooming'.**
- **IMPORTANT:** Colours will vary from batch to batch. Ensure sufficient quantities from the same batch are ordered to complete the project.
- Ensure that the product has not reached its expiry date - the product might not produce the intended finish.
- Do not leave the mixed product in direct sunlight as the product can flash off.
- Only use CLEAN TOOLS - dirty tools will spoil the finished product.
- Always use a drop sheet to protect horizontal surfaces from splashes and spillages.
- All edges/cornices/skirting's/window frames etc. must be taped; otherwise it will not be possible to finish these areas neatly.
- **IMPORTANT:** Always keep a wet edge and avoid downing tools during the application process to prevent lap marks and variances in colour or texture. Work from corner to corner, or from a natural cut off point to another.
For the same reason, do not attempt to patch this coating.
- Do not apply Earthcote Pandomo too thickly; it will take too long to dry and cause mud cracking.
- Do not apply Earthcote Pandomo too thinly; it will dry very quickly and will not allow you to finish the panel.
- Do not over work the Earthcote Pandomo as the trowel will leave trowel-burn marks.
- Do not sand the Earthcote Pandomo until completely dry as it will damage the applied product.
- Do not sand Earthcote Pandomo too hard as the sandpaper will leave sanding marks on the product.
Only sand off irregularities (trowel marks). Always use 360 grit sandpaper on your final coat; any other heavier grit sandpaper will scratch the product.
- Ensure that whichever sealers are to be used have not reached expiry date and are free of any lumps.
- The Earthcote Wall Wax must be polished thoroughly to get a shiny finish. If not polished well the surface will look dull.
- Earthcote Wall Wax is purely a decorative finish and offers limited sealing properties.
- **DO NOT RUSH THE JOB!!**

TECHNICAL DATA

Viscosity	115 - 120ku
Specific Gravity	1.44 g/ml +/- 0,05
pH	12 - 13
Weight Solids Content	62% (+/- 5%)
Fineness of grind	lump free
Volume Solids Content	43% (+/- 5%)
Pigment Volume Concentration	65% (+/- 5%)
Spread Rate	2 m ² /litre
Dry Film Thickness	215 microns
Surface Dry	< 2hrs
Hard Dry	< 6hrs
Overcoat	>16hrs
Sheen 20° (on glass @ 100microns)	matt
Sheen 60° wet film thickness	matt
Sheen 85° after 24hrs)	matt
Diluent/Cleaning	Water
Application Temperatures	> 10° < 35°

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Storage Temperatures	> 5° < 35°
Shelf Life in unopened containers	12 months
VOC rating	Zero VOC < 1 g/litre*
Drying Mechanism	water evaporation followed by coalescence
Scrubs	N/A
Vehicle Type	Styrene Acrylic
Pigment Type	N/A
Application	brush

All tests are performed at 23°C and 50% relative humidity.
Contact our Technical Department on 021 551 5570 should you require any further information.
Material Safety Datasheets are available on request.

* This VOC value is determined using Glycol-free stainers

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