

14 October 2016 / V9

PRODUCT DESCRIPTION

A luxurious light-reflective opaque coating for accent and feature walls. The product conforms to GBCSA environmental requirements and EU 2010 targets.

COLOUR RANGE

The Coarse Aggregate Primer can be tinted to the standard range of colours. Colours are tinted at point of sale. Special colours can be ordered on request depending on the depth of colour. A natural consequence for this type of product are slight batch to batch variations in colour. Please ensure sufficient quantities are ordered to complete the job.

NOTE: The coloured flecks are a natural occurrence in the product. It is not contamination.

SPECIAL NOTE: Colours are 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.
For use on correctly prepared new smooth plaster or correctly prepared and primed skimmed plaster, or correctly prepared previously painted surfaces. The more even and smooth the surface, the better will be the achieved finish. Earthcote Frost Paint is primarily designed as a feature or detail wall product.

NOT RECOMMENDED FOR

Not suitable for EXTERIOR surfaces or large interior areas (refer to preventing problems)
Not suitable for any wet areas.

PREPARATION

PLEASE NOTE: Correct preparation is essential. All surfaces must be sound, free of friable materials, free of laitance 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 Skim-fill 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 Coarse 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 Coarse Aggregate Primer.

APPLICATION

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

PRIMING

Apply 1 coat of Masonry Primer. Do not exceed the recommended spread rate. Visible patches must be spot primed before the full coat of Masonry Primer is applied.
Apply 1 coat of Earthcote Coarse Aggregate Primer, tinted to your chosen colour, using a roller, ensuring total coverage of the surface.
NOTE: Earthcote Frost Paint is a clear coating - the underlying primer determines the finishing colour.

IMPORTANT: Allow 4 hours minimum drying time before overcoating.

COATING

Apply the first coat of Earthcote Frost Paint as smooth as possible using a steel trowel. Corrugations will occur at this stage. Allow to stabilise for 20 - 30 minutes, depending on the weather conditions, then flatten off the corrugations with a steel trowel using horizontal strokes. Always clean the trowel after each stroke with clean water. Allow to dry.

NOTE: When applying this first coat and flattening off, small thin scratches which we call 'comet tails' will occur. These will be covered by the second coat.

Then apply the second coat of Earthcote Frost Paint in the same manner. Allow to dry for 16 hours between coats.



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

The above information is intended as a guide only. Since this product is applied by 3rd parties, Paintsmiths and Kansai Plascon cannot be held liable for any loss or damage whatsoever relating to application or to the surface to which it is applied. Paintsmiths and Kansai Plascon reserves the right to make changes at any time, without notice.

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SPREADRATE AT A GLANCE

Primer

Coarse Aggregate Primer: $\pm 4\text{m}^2/\text{litre}$

Coating

Earthcote Frost Paint: $\pm 0,75\text{m}^2/\text{litre}/\text{coat}$ (total of 1, 5 litre/m² for 2 coats)



OVERCOATING TIMES AT A GLANCE

Primer

Coarse Aggregate Primer: > 6 hours

Coating

Earthcote Frost Paint: > 16 hours

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: If environmental conditions have caused surface contamination, all surfaces must be thoroughly washed down before applying the next coating.

CLEANERS/SOLVENTS AT A GLANCE

Primer

Coarse Aggregate Primer: water

Coating

Earthcote Frost Paint: water

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%.

- It is recommended that this product be applied by a skilled applicator.
- 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.
- Make sure that each coat is suitably stabilized before trying to smooth off. The ambient weather conditions might affect the suggested 20 - 30 minutes.
- Do not attempt touch ups, but redo complete panels.
- Must be applied to a smooth, even surface to reduce trowel marks.
- Some yellowing of the Frost Paint may occur over time and is generally more noticeable with the lighter colours.
- Trowel lines are part of the products application profile. Generally a skilled applicator can remove these, but they tend to be more difficult to avoid on large areas.
- Large areas are normally anything more than 15m² and/or greater than single storey in height. If the areas exceed these volumes then it is recommended that panels of 2m x 2m or 3m x 3m be applied.
- Only use Midas Masonry Primer to prime patches or where filler have been used.

NOTE: It is important that the Earthcote Frost Paint coating is dry before overcoating with the second coat of Frost Paint. "Overnight" might be too shorter drying time due to weather and temperature conditions that will affect the normal drying times.

GREEN BUILDING COUNCIL
OF SOUTH AFRICA



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TECHNCIAL DATA

Viscosity	115 – 120ku
Specific Gravity	1.330g/ml ±0.05
pH	8.5 – 9
Weight Solids Content	54% (± 5%)
Fineness of grind	N/A
Volume Solids Content	30% (± 5%)
Pigment Volume Concentration	54% (± 5%)
Spread Rate	0.75m ² /litre
Dry Film Thickness	225 microns
Surface Dry	< 6hrs
Hard Dry	< 16hrs
Overcoat	> 16hrs

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Sheen 20° (on glass @ 100 microns	N/A
Sheen 60° wet film thickness	N/A
Sheen 85° after 24hrs)	N/A
Diluant / Cleaning	water
Application Temperatures	> 10° < 35°
Storage Temperatures	> 5° < 35°
Shelf Life in unopened containers	12 months
VOC level	Zero VOC < 1 g/litre*
Drying Mechanism	water evaporation followed by coalescence
Scrubs	N/A
Vehicle Type	Pure Acrylic
Pigment Type	N/A
Application	trowel

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 strainers

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