

DISTEMPER & ANTIQUING LIQUID



Earthcote

MARCH 2024 / V2

PRODUCT DESCRIPTION

Earthcote Distemper is manufactured according to an ancient recipe using chalk, pigments and a binder to create a flat, natural finish that is chalky in appearance and velvety to the touch.

Earthcote Antiquing Liquid is an oil-based finishing coat that has been specially formulated to be applied over Earthcote Distemper to create a washable, deep lustred surface.



DISTEMPER
ONLY

COLOUR RANGE

Available in standard colours.

Refer to the Earthcote Distemper colour card.

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

PACKAGING

Earthcote Distemper: 5 litre

Earthcote Antiquing Liquid: 1 litre

RECOMMENDED FOR

INTERIOR surfaces.

Earthcote Distemper and Antiquing Liquid can be used on correctly prepared painted or unpainted plaster or timber surfaces. Also suitable for use on furniture and kitchen cupboards, and as a finishing coat to fired ceramics.

NOT RECOMMENDED FOR

Not suitable for floors or glazed surfaces.

APPLICATION

PLEASE NOTE: Correct preparation is essential. All surfaces must be sound and prepared in the recommended manner. For more information on surface preparation contact your nearest Paintsmiths store.

For a textured, rustic finish apply with a Paintsmiths 150mm Fibreglass brush in a random vertical or crisscross fashion. For a smooth, sophisticated finish apply with a Paintsmiths 225mm Polypile roller in even, consistent vertical strokes.

Choose your style of application and remain consistent throughout.

Thoroughly stir and apply one coat of Earthcote DTE Matt Primer, tinted to your chosen colour, using a Hamiltons 225mm Polypile roller at the stipulated spread rates. Allow to dry before overcoating.

Apply two coats of Earthcote Distemper in your chosen colour, using your chosen style of application.

Allow to dry between coats.

Allow the second coat of Earthcote Distemper to dry for at least 4 hours before applying Earthcote Antiquing Liquid.

Shake the tin of Earthcote Antiquing Liquid well to release the pigments in the stain. Dispense a small amount into a container. Apply one coat of Earthcote Antiquing Liquid using a Hamiltons 150mm Fibreglass brush at the stipulated spread rates.

TIPS: Avoid soaking the brush by lightly dipping the brush into the Earthcote Antiquing Liquid.

Work from one corner to the next natural cut off-point without stopping to avoid lap marks.

As you are applying the Antiquing Liquid step back at intervals to check for inconsistencies (dark spots or misses) and lightly feather off with a dry brush.

IMPORTANT: Shake the tin every time you dispense Earthcote Antiquing Liquid into your container to ensure colour consistency throughout.

SPREAD RATES

Earthcote DTE Matt Primer: $\pm 7\text{m}^2/\text{litre}$

Earthcote Distemper: $\pm 6\text{m}^2/\text{litre}$

Earthcote Antiquing Liquid: $\pm 12\text{m}^2/\text{litre}$

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.

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 method. 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 the manufacturer cannot be held liable for any loss or damage whatsoever relating to application or to the surface to which it is applied. Paintsmiths and the manufacturer reserve the right to make changes at any time, without notice.

MIDAS EARTHCOTE

24 FABRIEK STREET INDUSTRIAL KUILS RIVER 7580

021 931 3131

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OVERCOATING TIMES

Earthcote DTE Matt Primer: 4 hours

Earthcote Distemper: > 6 hours between coats

Earthcote Antiquing Liquid: > 16 hours

NOTE: It is very important that overcoating 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.



CLEANERS / SOLVENTS

Earthcote DTE Matt Primer: Water

Earthcote Distemper: Water

Earthcote Antiquing Liquid: Mineral Turpentine

PREVENTING PROBLEMS AND GENERAL INFORMATION

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%.

- 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.
- The darker the colour, the more difficult it is to get a consistent finish.
- This product will yellow with time and will yellow more in dark areas e.g. under a photo frame compared to exposed areas.
- If scaffolding is being used, be sure to leave enough space between it and the wall to ensure easy application. It is advisable to work down an elevation, removing scaffolding in 'layers'.
- 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.
Do not attempt touch ups, but redo complete panels.

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TECHNICAL DATA

	Antiquing liquid	Distemper
Viscosity	18 - 22"	95 - 100KU
Specific Gravity	0.857 g/ml $\pm$ 0,05	1.748 g/ml $\pm$ 0,05
pH	N/A	8.5 - 9.0
Weight Solids Content	45% $\pm$ 5%	72 $\pm$ 5%
Fineness of grind	Bit free	Bit free
Volume Solids Content	42% $\pm$ 5%	52% $\pm$ 5%
Pigment Volume Concentration	9.9% $\pm$ 5%	75% $\pm$ 5%
Spread Rate	12m ² /litre/coat	6m ² /litre/coat
Dry Film Thickness	34 microns	83 microns
Surface Dry	< 1hr	< 1hr
Hard Dry	< 4hrs	< 4hrs
Overcoat	> 6hrs	> 6hrs
Sheen 20°	Matt	Matt
Sheen 60°	N/A	N/A
Sheen 85°	N/A	N/A
(on glass @ 100 microns WFT after 24hrs)		
Diluent/Cleaning	Water	Water
Application Temperatures	> 10° < 35°	> 10° < 35°
Storage Temperatures	> 5° < 35°	> 5° < 35°
Shelf Life in unopened containers	12 months	12 months
VOC level	N/A	Zero VOC < 1 g/litre*
Drying Mechanism	Solvent evaporation and catalytic reaction between metal driers and alkyd resins	Water evaporation followed by coalescence
Scrubs	N/A	N/A
Vehicle Type	Urethane Alkyd	Pure Acrylic
Pigment Type	Rutile Titanium	Rutile Titanium
Application	Brush or roller	Brush or roller



All tests are performed at 23°C and 50% relative humidity.
Contact your nearest store for Technical Advice should you require any further Information.
Safety Datasheets are available on request.

* This VOC value is determined on the untinted base. However, as Midas use ZERO VOC stainers for all their tinting, the VOC contribution from these is minimal and will vary from colour to colour.

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