

IRON PAINT & RUSTING AGENT



MARCH 2024 / V2

PRODUCT DESCRIPTION

An environmentally friendly Paint containing a high percentage of iron filings, which when overcoated with Earthcote Rusting Agent, corrodes creating a rusty rustic aged finish.

COLOUR RANGE

Earthcote Iron Paint: Dark Charcoal to black colour before oxidised

Earthcote Rusting Solution: Light Blue Milky Solution

PACKAGING

Earthcote Iron Paint	1 litre in plastic buckets
Earthcote Rusting Agent	250ml & 1 litre in plastic bottles

RECOMMENDED FOR

INTERIOR and EXTERIOR surfaces.

Commonly used on detailed cement plastered walls, pots, balustrades and light fittings. It is important to remember this product is designed to rust and just as metal rusts so too will Earthcote Iron Paint. It will not last forever, especially outside – it is designed to corrode and age.

NOT RECOMMENDED FOR

Not to be applied to structural steel or to any surfaces where the continued rusting effect could affect the structure or run off from the rust will discolour/stain adjoining surfaces.

APPLICATION

Prime all surfaces with respective primers (e.g. Midas Masonry Primer on masonry surfaces, Midas Metal Etch on ferrous and galvanised surfaces). Allow to dry fully then apply one coat of Midafelt 225 tinted to a dark charcoal/black colour and allow to dry.

Thoroughly stir the Earthcote Iron Paint to ensure all the iron particles are in suspension and apply the first coat by brush in a criss cross fashion at 4m²/litre. Allow to dry for 4 hours and then apply the second coat in the same fashion. As the second coat starts drying, apply the Midas Rusting Agent by brush, working from the top downwards onto the semi-dry Earthcote Iron Paint and work into the surface.

Sealing: We do not recommend sealing of Earthcote Iron Paint, as most sealers tend to negate its wonderful rusting effect and feel. However, if you want to seal we recommend one or two coats of Midas Colour Retaining Primer. The use of incorrect sealers will turn your beautiful Earthcote Iron Paint to a dark black colour.

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.

SPREAD RATE

± 4m²/litre/coat

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 TIME

> 4 hours

NOTE: It is essential to adhere to overcoating times, as specified for our various products. Prevailing weather conditions must be considered as ambient and substrate temperatures, humidity and wind etc., will influence drying time. 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

Wipe excess paint from brushes, rollers and spray equipment using an absorbent cloth before washing with water.

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%.

- Excessive application thickness and/or rapid drying could lead to mud cracking.
- Avoid applying under adverse weather conditions as this could result in poor product performance.
- Always keep a wet edge and avoid downing tools during application 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.

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.



Iron Paint Only



Rusting Agent Only

MIDAS EARTHCOTE

24 FABRIEK STREET INDUSTRIAL KUILS RIVER 7580

021 931 3131

www.paintsmiths.co.za

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TECHNICAL DATA

	IRON PAINT	RUSTING AGENT
Viscosity	110 - 115KU	10 - 15" FC NO 4
Specific Gravity	1.684	1.101 ± 3%
pH	8.5 - 9.0	N/A
Fineness of Grind	N/A	Bit free
Weight Solids Content	51% ± 3%	
Volume Solids Content	20% ± 3%	
Pigment Volume Content	51% ± 3%	
Spread Rate	4m ² /litre	6 - 8m ² /litre
Dry Film Thickness	50 microns/coat	
Surface Dry	< 1hr	
Hard Dry	< 4hrs	
Overcoat	> 16hrs	
Sheen 20°	N/A	
Sheen 60°	N/A	
Sheen 85°	N/A	
(on glass @ 100 microns after 24hrs)		
Diluent/Cleaning	Water	
Application Temperatures	> 10°C < 35°C	
Storage Temperatures	> 5°C < 35°C	
Shelf life in unopened container	12 months	
VOC Rating	Low VOC > 3 < 30 g/litre*	Zero VOC < 1 g/litre*
Drying Mechanism	Water evaporation followed by coalescence	
Application	Brush	



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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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