

**PRODUCT DESCRIPTION**

A modified flexible Acrylic Emulsion with a slight sheen for waterproofing of roofs, parapets and wall surfaces.

COLOUR RANGE

White, Charcoal Grey, Green, Red Oxide

PACKAGING

5 litre and 20 litre

RECOMMENDED FOR

EXTERIOR surfaces.

This product can be used to seal cement roof tile ridges and as a waterproof roof coating when overcoated with a suitable product. It forms a waterproofing system when used in combination with a polyester membrane. Resists mould and fungus growth.

NOT RECOMMENDED FOR

Should not be used internally.

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.

After the correct surface preparation, prime with the required primer, then stir thoroughly and apply Midas Midacryl to the substrate one primer / sealer coat of Midas Midacryl, diluted with 20% water and allow to dry (drying time is less than 1 hour at standard condition 25°C and 50% humidity).

Apply one coat of Midas Midacryl as supplied, to an area not exceeding one metre by the width of the Polyester fabric used (Eramesh) and firmly press the fabric into the coating before the coating begins to dry. Repeat the process in one metre length at a time. Allow the application to dry before proceeding. (Drying time is 1 - 1½ hours at standard condition 25°C and 50% humidity). If the Polyester fabric becomes rain saturated, allow to dry out completely over an extended period before proceeding with the application process.

Apply one coat of Midas Midacryl, diluted with 20% water, to penetrate and saturate the Polyester fabric (Eramesh) surface. Allow the application to dry thoroughly before proceeding. (Drying time is 2 hours at standard condition at 25°C and 50% humidity).

Finally apply two coats of Midas Midacryl as supplied, allowing time to dry between coats. (Drying time per coat is less than 1 hour at standard condition 25°C and 50% humidity).

SPREAD RATE

1 - 4m² for entire application system.

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

>12 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

Water

PREVENTING PROBLEMS AND GENERAL INFORMATION

IMPORTANT: Ceilings and 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 cause mud cracking.
- 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.
- Not to be used in covered situations, e.g. flower boxes, etc, as the fabric will degrade.

SHELF LIFE

When filled, the product is sterile, and unopened has a shelf life of at least 12 months from the date of manufacture.

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.

TECHNICAL DATA



	<u>White</u>	<u>Charcoal Grey</u>	<u>Green</u>	<u>Red Oxide</u>
Viscosity	120 - 125KU	120 - 125KU	120 - 125KU	120 - 125KU
Specific Gravity (±0,05)	1,310	1,241	1,238	1,276
pH	8.5 - 9.0	8.5 - 9.0	8.5 - 9.0	8.5 - 9.0
Weight Solids Content (±3%)	55%	55%	55%	57%
Fineness of Grind	<50 microns	<50 microns	<50 microns	<50 microns
Volume Solids Content (±3%)	42%	44%	45%	45%
Pigment Volume Concentration	36%	27%	26%	29,6%
Spread Rate (for entire application system)	1 - 4m ²	1 - 4m ²	1 - 4m ²	1 - 4m ²
Dry Film Thickness @ 4m ²	105 microns	110 microns	112 microns	112 microns
Surface Dry			<1 hour	
Hard Dry			<8 hours	
Overcoat			>12 hours	
Sheen 20°			N/A	
Sheen 60°			N/A	
Sheen 80°			N/A	
(on glass @ 100 microns WFT after 24 hours)				
Diluent/Cleaning			Water	
Application Temperatures			>10° <35°	
Storage Temperatures			>5° <35°	
Shelf Life in unopened containers			12 months	
VOC Rating			Low VOC >3 <30 g/litre*	
Drying Mechanism			Water evaporation followed by coalescence	
Scrubs			N/A	
Vehicle Type			Modified Acrylic Emulsion	
Pigment Type			Rutile Titanium	
Application				

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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