

PRODUCT DESCRIPTION

An environmentally friendly, specially formulated Styrene Butadine-based emulsion which, when mixed with water and used as the 'liquid' for sand/cement screeds or plasters, greatly enhances adhesion and the water resistant properties of the mix.

When mixed with water and cement it is used as a waterproofing slurry, either with or without a reinforcing membrane.

**COLOUR RANGE**

Milky colour

PACKAGING

1 litre, 5 litre and 20 litre

RECOMMENDED FOR

INTERIOR and EXTERIOR surfaces.

When mixed proportionally with cement and water producing a slurry, and used conjunction with a reinforcing membrane, it is suitable for waterproofing shower bases and walls, small screeded balconies and small planter boxes. It can also be an economical treatment to waterproof exposed and high traffic walkways.

The slurry can be applied without a reinforcing membrane on shower walls before tiling.

Can also be used as a bonding slurry when laying a sand/cement screed on concrete, or on concrete or brick walls when plastering.

NOT RECOMMENDED FOR

Not suitable for waterproofing large areas.

MIXING PROPORTIONS AND 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.

Mixing ratios for a bonding slurry:

Cemproof Liquid	1 litre	1kg
Water	1 litre	1kg
Sand	-	1.5kg
Cement	-	1.25kg
Yield	± 3 litres	

Application:

Dampen the surface thoroughly. Apply one coat of bonding slurry and plaster or screed over.

Mixing ratios for a waterproofing slurry used with or without a reinforcing membrane:

Cemproof Liquid	1 litre
Water	1 litre
Cement	3.5 kg
Yield	3 litres

Application with the reinforcing membrane:

- Dampen the surface thoroughly. Prime with one coat of Slurry.
- Cut the membrane to the required size, or in pieces, to fit the required area and 'dunk' each piece into a bucket of the mixed slurry to fully saturate the membrane. Lift out of the bucket and place on the surface laying off with a block brush.
- Repeat this process with the rest of the pieces of membrane, allowing 50mm overlaps, to cover the complete area. Allow to cure.
- Apply one coat of Waterproofing Slurry over the complete area. Allow to cure.
- Apply a second coat of Waterproofing Slurry in covered situations.

NOTE: The slurry must still be 'green' (not dry) when plastering onto or screeding over and must be fully cured when tiling directly onto with a good quality tile adhesive.

IMPORTANT: It is imperative that the reinforcing membrane of the Midas Cemproof-reinforced cementitious system is 100% saturated. Application on vertical surfaces without the reinforcing membrane:

- Dampen the surface thoroughly. Apply at least two coats of the slurry, also dampening the surface inbetween coats.

Mixing ratios for 'liquid' for mixing mortar or plaster:

- Cemproof Liquid 1 litre
- Water 2 litres

Application:

- Dampen the surface thoroughly first. Use as the 'liquid' to add to the correct proportions of sand and cement to make either a plaster or screed mix.

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.

MIDAS EARTHCOTE

24 FABRIEK STREET INDUSTRIAL KUILS RIVER 7580

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www.paintsmiths.co.za

SPREAD RATES

For a mixed bonding slurry: $\pm 3\text{m}^2/\text{litre}$

For a mixed waterproofing slurry used without a reinforcing membrane: $\pm 2\text{m}^2/\text{litre}$

For a mixed waterproofing slurry used with a reinforcing membrane: $\pm 2.5\text{m}^2/\text{litre}$

For 'liquid' for mixing mortar or plaster: N/A

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

> 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

Water

PREVENTING PROBLEMS AND GENERAL INFORMATION

- Always thoroughly dampen the surfaces before applying the slurry coating.
- When plastering over or screeding on top apply another coat of slurry as a bonding agent.
- Not recommended for waterproofing large areas.
- The slurry must still be 'green' (not dry) when plastering onto or screeding over.
- IMPORTANT: It is imperative that the reinforcing membrane of the Midas Cemproof-reinforced cementitious system is 100% saturated.

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TECHNICAL DATA

Viscosity	10 - 13" Ford Cup No. 4
Specific Gravity	1,000 g/ml ($\pm 0,05$)
pH	9.0 - 12.0
Weight Solids Content	43% ($\pm 5\%$)
Fineness of grind	<30 microns
Volume Solids Content	43% ($\pm 5\%$)
Pigment Volume Concentration	N/A
Spread Rate	N/A
Dry Film Thickness	N/A
Curing time	N/A
Sheen 20°	N/A
Sheen 60°	N/A
Sheen 85°	N/A
(on glass @ 100 microns WFT after 24 hours)	
Overcoating	N/A
Diluent/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
Scrubs	N/A
Vehicle Type	Styrene Butadiene
Pigment Type	N/A
Application	Brush



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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