

WALL COATINGS / SHEEN FINISHING COATS / 18 November 2016 / V3

## PRODUCT DESCRIPTION

An environmentally friendly, easy to apply, superior quality, low sheen Pure Acrylic finishing coat. It dries to a durable stain resistant and washable finish. It is ideal for use as both interior and exterior finishes. The product conforms to GBCSA environmental requirements and EU 2010 targets.

## COLOUR RANGE

White, Pastel, Medium and Deep colours.

Refer to the Midas 300 colour range. Colours are tinted at the point of sale.

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

## PACKAGING

1 litre, 5 litre and 20 litre

## RECOMMENDED FOR

INTERIOR and EXTERIOR surfaces.

Used as a finishing coat on suitably primed new, or previously painted sand/cement plaster, concrete, fairfaced brickwork and gypsum plaster. Also suitable for asbestos, fibre cement and high traffic areas (eg. walls in passages and walkways).

**NOTE:** Refer to the occupational health & safety act 1993 (ACT NO.85 of 1993) ASBESTOS REGULATIONS, 2001; for working with asbestos fibre products.

## NOT RECOMMENDED FOR

Not suitable for use directly onto gypsum plaster, or for use on floors and roofs.

## 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 closest Paintsmiths store.

After the correct surface preparation has been completed apply the necessary primer coat.

Then thoroughly stir and apply a minimum of 2 coats of Midalux 240 to prepared surfaces using a brush, roller or spray at the stipulated spread rates. Allow to dry before over-coating.

## SPREAD RATE

± 9m<sup>2</sup>/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

> 6 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:** 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:** 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 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.



## 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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## TECHNICAL DATA

<b>Viscosity</b>	1 base: 103 - 108ku 4 base: 98 - 103ku 5 base: 98 - 103ku
<b>Specific Gravity</b>	1 base: 1.26g/ml +/- 0,05 4 base: 1.23g/ml +/- 0,05 5 base: 1.19g/ml +/- 0,05
<b>pH</b>	8,5 - 9
<b>Weight Solids Content</b>	1 base: 46% (+/- 5%) 4 base: 50% (+/- 5%) 5 base: 49% (+/- 5%)
<b>Fineness of grind</b>	< 30 microns
<b>Volume Solids Content</b>	1 base: 34% (+/- 5%) 4 base: 39% (+/- 5%) 5 base: 40% (+/- 5%)
<b>Pigment Volume Concentration</b>	1 base: 31% (+/- 5%) 4 base: 27% (+/- 5%) 5 base: 21% (+/- 5%)
<b>Spread Rate</b>	9 m <sup>2</sup> /litre/coat
<b>Dry Film Thickness</b>	1 base: 38 microns 4 base: 43 microns 5 base: 44 microns
<b>Surface Dry</b>	< 1hrs
<b>Hard Dry</b>	< 4hrs
<b>Overcoat</b>	> 4hrs
<b>Sheen 20°</b> (on glass @ 100 microns)	N/A
<b>Sheen 60°</b> wet film thickness	white -1 base: 10 -12%, - 4 base: n/a, - 5 base: n/a
<b>Sheen 85°</b> after 24hrs)	white -1 base: 25 - 30%, - 4 base: n/a, - 5 base: n/a
<b>Sheen 20°</b> (on glass @ 100 microns)	N/A
<b>Sheen 60°</b> wet film thickness	colour -1 base: 9 -12%, - 4 base: 10 -12%, - 5 base: 8 -11%
<b>Sheen 85°</b> after 24hrs)	colour -1 base: 25 - 34%, - 4 base: 25 - 30%, - 5 base: 20 -26%
<b>Diluent/Cleaning</b>	water
<b>Application Temperatures</b>	> 10° < 35°
<b>Storage Temperatures</b>	> 5° < 35°
<b>Shelf Life in unopened containers</b>	12 months
<b>VOC level</b>	Zero VOC <1 g/litre*
<b>Drying Mechanism</b>	water evaporation followed by coalescence
<b>Scrubs</b>	> 10 000
<b>Vehicle Type</b>	Pure Acrylic
<b>Pigment Type</b>	Rutile Titanium
<b>Application</b>	brush, roller or spray

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 stainers.



GREEN BUILDING COUNCIL  
OF SOUTH AFRICA



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