

MIDAROOF SATIN SHEEN

MIDAS
ENVIROLITE

ROOF COATINGS / 18 November 2016 / V2

PRODUCT DESCRIPTION

Midarroof Satin Sheen is designed for typical South African environmental conditions. A premium quality water-based roof paint, which offers good UV and weather resistance with a satin sheen finish.

COLOUR RANGE

Please refer to the Midas Roof colour card for the standard list of colours.

PACKAGING

5 litre and 20 litre

RECOMMENDED FOR

EXTERIOR roof surfaces.

Use on metal roofing, fibre cement roof sheeting, cement and clay tiles.

NOT RECOMMENDED FOR

Not suitable for use on walls.

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 Midarroof Satin Sheen to prepared surfaces using a brush, roller or spray at the stipulated spread rates. Allow to dry before over-coating.

SPREAD RATES

± 5m²/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.

When calculating the spread rate, it is important to take into account the pitch of the roof and the corrugations. The spread rates given are for flat surfaces, and approximately 25 - 30% should be added for pitch and profile.

OVERCOATING TIMES

> 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: All substrates 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%.

- All roof surfaces must be prepared as recommended, which is set out in the Midas Surface Preparation Guidelines.
- Roofs must only be painted in cool weather (>10°) and not in direct sunlight or extreme heat (<35°), as paint could bubble and blister, or fade prematurely.
- Rain must not be imminent.
- All metal roofs are prone to heat build-up. This is further exacerbated on flatter/low pitched and insulated roofs. Under these conditions we cannot commit to a guarantee as the paints may tend to chalk and appear faded compared to the same product when applied on other substrates.
- The dry film thickness of 2 coats must not be less than 100 microns. This is in affect a spread rate of 5m²/litre/coat.
- If the roof is to be used to catch drinking water it should be left for approximately 2 - 4 weeks to cure properly and then washed before connecting to a tank to catch the rain water. If foaming occurs during washing, continue until foaming ceases.
- 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.
- To prevent possible sheen and colour variances use 1 batch number per area.



WHITE, BLACK, SIMPLY
CHARCOAL, FIREBALL



FADED BARK &
GENTLE GREY



COTTAGE GREEN &
DUST STORM

GREEN BUILDING COUNCIL
OF SOUTH AFRICA



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

Viscosity	115 – 120ku
Specific Gravity	1.2g/ml ±0.05
pH	9 – 9.5
Weight Solids Content	35% (± 5%)
Fineness of grind	< 40 microns
Volume Solids Content	25% (± 3%)
Pigment Volume Concentration	33% (± 3%)
Spread Rate	5m ² /litre
Dry Film Thickness	50 microns
Surface Dry	< 1hrs
Hard Dry	< 4hrs
Overcoat	> 6hrs
Sheen 20° (on glass @ 100 microns)	N/A
Sheen 60° wet film thickness	colour : 4 – 6%, white : 8 – 10%
Sheen 85° after 24hrs)	colour : 10 – 15%, white : 18 – 23%
Diluent / Cleaning	water
Application Temperatures	> 10° < 35°
Storage Temperatures	> 5° < 35°
Shelf Life in unopened containers	12 months
VOC level	Zero VOC < 1g/litre (white, black, simply charcoal, fireball) Minimal VOC >1 < 3g/litre (faded bark, gentle grey) Low VOC > 3 < 30g/litre (cottage green, dust storm) Water evaporation followed by coalescence
Drying Mechanism	> 10 000
Scrubs	Pure Acrylic
Vehicle Type	Rutile Titanium, inorganic/organic pigments and tinters
Pigment Type	brush, roller or spray
Application	

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.



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