

# NATUREPLAST TROWEL 1mm

MIDAS  
**ENVIROLITE**

COLOUR WITH TEXTURE / TROWEL-ON COATINGS / 21 November 2016 / V5

## PRODUCT DESCRIPTION

An environmentally friendly, pitted, scratch-textured coating applied in a random or striated pattern of very pronounced scratch indentations.



## COLOUR RANGE

White, Pastel, Medium and Deep colours.

Refer to the Midas 300 colour range. The colours are tinted at the factory.

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

8kg, 30kg and 200kg

## RECOMMENDED FOR

INTERIOR and EXTERIOR surfaces.

Used as a finishing coat on suitably primed new, or previously painted sand/cement plaster, concrete, masonry and gypsum plaster. Also suitable for fibre cement, chipboard, hardboard, other wooden surfaces and metal.

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

Decorative plaster should not be applied to horizontal surfaces, or to rough or uneven substrates.

## 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.

**It is recommended that this product be applied by a skilled applicator.**

IMPORTANT: Because most external plasters are rougher, the 1mm product is more suitable for smooth, interior plaster. If using externally, always scraper coat with Exterior Skimfill for a smooth base preparation.

### Primer

Apply 1 coat of Fine Aggregate Primer, tinted to chosen colour, using a roller. Allow to dry before over-coating.

### Textured coating

Apply 1 coat of Natureplast Trowel 1mm using a clean steel trowel, and then pattern with a plastic trowel.

### Glaze

To reduce dirt retention and for an attractive sheen finish, apply 1 coat clear Midaglaze Satin using a brush or roller.

## SPREAD RATE

Fine Aggregate Primer:  $\pm 5\text{m}^2/\text{litre}$

Natureplast Trowel 1mm:  $\pm 1.5\text{kg}/\text{m}^2$

Midaglaze Satin:  $\pm 10\text{m}^2/\text{litre}$

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.

## OVERCOATING TIME

Primer: > 4 hours

Natureplast Trowel 1mm: > 48 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



## 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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## 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%.



- If scaffolding is being used, be sure to leave enough space between it and the wall to ensure easy application. It is advisable to work down an elevation, removing scaffolding in 'layers'. Applicators should also continually be aware of dust from site works, from debris thrown from above and from scaffold strippers, to ensure that the product is not contaminated.
- 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.

### Ordering Natureplast:

Before ordering, an on-site sample of at least 3m<sup>2</sup> must be applied by a skilled applicator and approved by the Specifier. Clarity must also be gained whether it is a new contract or a continuation of an existing contract and be communicated to the factory. Natureplast is ordered by weight not volume (30kg Natureplast is supplied in a 20 litre bucket). It is also important to be sure that the total amount required be ordered at once. This will ensure uniformity of material, etc. Depending on quarry procedures, variations in stone are possible. Delivery time for Natureplast paste is 5 days, but should a specific project necessitate special stones or large quantities of stones, this may take an additional 10 - 15 days to be delivered by the quarry. Please confirm lead times when placing your order with the factory.

### Working with or without panels:

When panels are not evident, vertical joints should be made by taping off the vertical line, and working up to this point. After the material has dried, the tape can be removed and worked to from the other side. Horizontal joints should be made by leaving a clear line, or else, the entire height of the building done should be done in one continuous application. The recommended maximum panel size is 3m<sup>2</sup>. Take note that the panelling done at the outset of a Natureplast job will determine its success, and the assistance of a Midas Paints Technical Advisor is recommended when planning a Natureplast application.

### Guidelines on use of colour:

All pastel and medium strength colours are charged as white, except where brilliant white is used as a base. For pastel colours and very 'clean' medium colours, the brilliant white base should be used. It is important to note that Natureplast is made using natural sand, so even the brilliant white formulation will not be entirely white. Accordingly, very 'clean' colours will show evidence of some grey discolouration.

In all cases, the customer must be advised of the price for the use of brilliant white as a base.

The person taking the order must inform the customer that pastel colours will be more expensive. Once the order is placed, it must clearly indicate on all orders for pastel colours which base is to be used: brilliant white OR regular base. This will simplify the pricing of the invoice, as well as production administration.

If the Production Manager or Colour Department Supervisor feel that a particular Medium Colour is too clean to adequately match using the regular base, the customer must be informed of the implications of getting the clean colour. Should the customer decide that the brilliant white base is to be used; all copies of the Order needs to be amended accordingly.



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## TECHNICAL DATA

Viscosity	>140pp
Specific Gravity	1.80g/ml +/- 0,05
pH	9 - 9.5
Weight Solids Content	80% (+/- 5%)
Fineness of grind	lump free
Volume Solids Content	67% (+/- 5%) - others 61% (+/- 5%) - background 2mm 80% (+/- 5%)
Pigment Volume Concentration	
Spread Rate	1.5kg/m2
Surface Dry	< 2hrs
Hard Dry	< 24hrs
Overcoat	> 48hrs
Sheen 20° (on glass @ 200 microns)	matt
Sheen 60° wet film thickness	matt
Sheen 85° after 24hrs)	matt
Diluent/Cleaning	water
Application Temperatures	> 10° < 35°
Storage Temperatures	> 5° < 35°
Shelf Life in unopened containers	12 months
VOC level	Medium VOC >30 <80 g/litre*
Drying Mechanism	water evaporation followed by coalescence
Scrubs	N/A
Vehicle Type	Styrene Acrylic
Pigment Type	Rutile Titanium
Application	brush or roller



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.



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