SURECOAT MATT ACRYLIC

PRODUCT CODE: SMA 1 & TAS 1000 Tint Base

TECHNICAL DATA SHEET NO: PL-84-A
DATE: OCTOBER 2012
THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description
A medium quality modified acrylic emulsion paint for interior and exterior use.

Intended Uses
- Ideal for walls and ceilings.
- Suitable for application to suitably prepared new plaster, concrete, porous brickwork and various types of building boards.
- Also as a finishing coat on appropriately primed and undercoated wood, metal, etc.

Features & Benefits
- Smooth Matt finish
- High opacity
- Easy application by brush and roller
- Low VOC

Product Information

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Matt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colours</td>
<td>White (SMA 1)</td>
</tr>
<tr>
<td>Tint bases</td>
<td>Pastel (TAS 1000)</td>
</tr>
<tr>
<td>Generic type</td>
<td>Acrylic emulsion</td>
</tr>
<tr>
<td>Solids</td>
<td>Approx. 35% by mass; 21% by volume</td>
</tr>
<tr>
<td>S G</td>
<td>1,26 kg/l (approx)</td>
</tr>
<tr>
<td>VOC</td>
<td>&lt; 16 g/l for white &amp; pastel tints</td>
</tr>
<tr>
<td>Flash point</td>
<td>Non flammable</td>
</tr>
<tr>
<td>Theoretical spreading rate</td>
<td>9 m²/l per coat @ 21 µm DFT. This serves as a guide only.</td>
</tr>
<tr>
<td>Practical spreading rate</td>
<td>The practical spreading rate will vary depending on the porosity and profile of the substrate, as well as the application technique and tools used.</td>
</tr>
</tbody>
</table>

Application Details

Mixing
Stir thoroughly with a flat paddle until homogeneous.

Method
Brush, roller or airless spray.

Thinning
Not Recommended - Ready for use

Cleaning
Water

Substrate
Thoroughly cleaned, suitably primed concrete, plaster, brickwork, building boards and suitably primed wood, metal and fibre-board.

Application Environment

<table>
<thead>
<tr>
<th>Surface Temperature</th>
<th>Ambient Temperature</th>
<th>Relative Humidity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min: 10 °C</td>
<td>Min: 10 °C</td>
<td>Min: 10%</td>
</tr>
<tr>
<td>or 2 °C min. above dew point</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max: 40 °C</td>
<td>Max: 40 °C</td>
<td>Max: 85%</td>
</tr>
</tbody>
</table>

Drying time
- Touch dry: 30 Mins @ 23 °C
- Dry to handle: 1 h @ 23 °C
- Overcoating: 1 h @ 23 °C

Tint Bases
- The tint base containers are underfilled to levels which are specific for each tint base to allow for a calculated volume of colourants to be added. The volume indicated on the container is only achieved after the addition of all prescribed colourants as per the formulation.
- The tint bases and the colourants are unfinished or intermediate products which are not recommended for use by themselves. A finished product is only produced once the prescribed quantities of colourants have been thoroughly mixed with the tint base.
- When mixed to a finished product its technical features, product information, application and surface preparation details comply with that of SURECOAT MATT ACRYLIC (SMA).
- Only colourants from the PLASCON INSPIRED COLOUR system are permitted for use when tinting.

Storage & Packaging
Store away from direct sun, heat and severe cold.

Packaging: 1 l, 5 l, 10 l and 20 l
SURECOAT MATT ACRYLIC
PRODUCT CODE: SMA 1 & TAS 1000 Tint Base
TECHNICAL DATA SHEET NO: PL-84-A

Tinting Procedure

• Select the required colour and reference no. from the INSPIRED COLOUR system, other suitable systems or colour cards and locate the applicable formulation from the tables.
• Certain colour choices may require more than two coats to achieve full obliteration (see computer formulations for details in remarks column prior to tinting)
• Select the required tint base and volume for tinting and set the tinting machine to deliver the correct amount of colourants as per formulation.
• Inject all required colourants, close container and shake on mechanical shaker for 5 minutes.
• Note: UNDER NO CIRCUMSTANCES MUST COLOURS BE TINTED FROM (SMA 1) White - USE ONLY THE PRESCRIBED TINT BASES

Surface Preparation

Ensure that surfaces are dry, sound, free from dust, dirt, grease and oil before painting

1. NEW WORK

1.1 Cement plaster, concrete and porous brickwork:
Remove any loose particles and laitance by most suitable means. N.B. Soft underbound, friable and highly porous surfaces must be restored to a sound condition with PLASCON PLASTER PRIMER (UC 56).

1.2 Gypsum plaster (e.g. Rhinolite, Cretestone), brickwork stone work:
Apply one coat of PLASCON PLASTER PRIMER (UC 56). If a gypsum plaster has been used as the joint skimming filler on gypsum board or dry wall partitioning, then seal these areas with PLASCON PLASTER PRIMER (UC 56).

1.3 Fibre cement board:
Prime with BONDING LIQUID (CVI 14).

1.4 Wood:
Sand to a smooth finish and dust off. Seal knots and resiny areas with PLASCON KNOT SEAL (PK 2). Prime with PLASCON WOOD PRIMER (UC 2).

1.5 Mild Steel:
Degrease with AQUASOLV DEGREASER (GR 1). Rinse thoroughly with water. Remove any rust by coarse sanding, mechanical grinding etc. Prime general surfaces the same day with METALCARE MILD STEEL PRIMER (UC 501) followed by PLASCON UNIVERSAL UNDERCOAT (UC 1).

1.6 Galvanised steel:
Clean with METALCARE GALVANISED IRON CLEANER (GIC 1) to achieve a water break-free surface. Rinse thoroughly with water. Prime the same day with METALCARE GALVANISED IRON PRIMER (GIP 1).

2. PREVIOUSLY PAINTED SURFACES

2.1 Previously painted surfaces in good condition:
Remove loose and flaking paint back to a sound substrate and a firm edge by scraping and sanding. Spot prime bare areas with appropriate primer. Clean down with POLYCELL SUGAR SOAP POWDER solution to remove all contaminants and chalked material. Rinse with clean water to remove all traces of sugar soap. Alternatively, clean with high pressure water jet. Sand glossy enamel surfaces to a matt finish and apply one coat of PLASCON PLASTER PRIMER (UC 56).

2.2 Previously painted surfaces in poor condition:
Completely remove paint by most appropriate means e.g. scraping, coarse sanding or stripping with an appropriate REMOVALL COATING REMOVER product. Wash thoroughly with POLYCELL SUGAR SOAP. Rinse well with clean water to remove all traces of the cleaning agents and debris. Ensure substrate is sound, not powdery or friable, prior to coating.

3. FILLING
Fill all imperfections with a suitable POLYCELL POLYFILLA and spot prime filled areas with PLASCON PLASTER PRIMER (UC 56).

Application

• Apply two or three coats to new surfaces so as to achieve complete obliteration.
• For highly porous surfaces, apply PLASCON PLASTER PRIMER (UC 56).

Cautions

• Metal surfaces must be primed, do not apply to bare metal.
• To ensure that colours on a project are consistent check that batch numbers correspond.

Safety Precautions

• Keep out of reach of children.
• Ensure good ventilation during application and drying.
• In case of skin contact, wash with soap and water or a recognised skin cleaner.
• Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist.
• Harmful if swallowed. Do not induce vomiting. Seek medical attention.
• Refer to Material Safety Data Sheet for complete information.
SURECOAT MATT ACRYLIC
PRODUCT CODE: SMA 1 & TAS 1000 Tint Base
TECHNICAL DATA SHEET NO: PL-84-A

DISCLAIMER:
The recommendations contained herein are given in all good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

NB: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

NB: TO ORDER: Quote product name, product code number, packaging and colour.

KANSAI PLASCON (PTY) LTD
CAPE TOWN:
P O Box 42
Eppindust 7475
Tel: (021) 505-2400
Fax: (021) 534-3791

DURBAN:
Private Bag X16
Mobeni 4060
Tel: (031) 451-3200
Fax: (031) 451-3411

GAUTENG:
P.O. Box 4010
Luipaardsvlei 1743
Tel: (011) 951-4500
Fax: (011) 955-2841

PORT ELIZABETH:
P O Box 1594
Port Elizabeth 6000
Tel: (041) 401-1400
Fax: (041) 453-4606

PLASCON ADVISORY SERVICE: 0860 20 40 60