



PLASCON MICATEX

TECHNICAL DATA SHEET NO.: L -112-C
 DATE: OCTOBER 2004

PRODUCT CODE: BBO and TMX-range THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description • A durable waterbased coating with a fine texture for weatherproofing and decorating exterior walls.

Intended Uses • To weatherproof and protect exterior wall surfaces.
 • To bridge and fill fine hairline cracks on exterior cement plastered walls.
 • Suitable for application to cement plaster, concrete, brickwork, fibre-cement, PVC gutters and downpipes.

Features • UV resistant – performance proven for SA sunlight conditions.
 • Reduces dampness on building walls caused by driving rain.
 • Aggregates of mica, mineral quartz and marble help with lasting protection and toughness of the coating. All colours have a good obliterating power and an adequate level of lightfastness.
 • MICATEX not only protects, but its fine texture also hides minor surface irregularities and disguises repaired areas.
 • Effectively fills and bridges stable haircracks.
 • Easy to apply and leaves at least twice the dried film thickness of conventional paints when used as recommended.

Product Information	Appearance	Matt to slight sheen with a fine characteristic texture.
	Colours	White plus extensive ex factory standard colours as per colour card. Also available in a wide range of COLOUR EXPRESSION tints utilizing TMX range of tint bases.
	Generic type	Modified Acrylic emulsion
	Solids	Approx. 64 % by mass; 50 % by volume
	S G at 23 °C	1,38 kg / ℓ (typical for white)
	Recommended DFT	Min.: 30 µm Max.: 50 µm
	Theoretical spreading rate	12.5 m ² / ℓ
	Recommended spreading rate	Not more than 5 m ² / ℓ
	Viscosity at 23 °C	125 KU
	Flash point	>65 °C

Application Details	Mixing	Stir thoroughly with a flat paddle until homogeneous.												
	Method	Brush or normal roller. N.B.: NOT designed for application by texture roller. Spray not normally recommended since the product is abrasive.												
	Thinning	Not normally required for sealed surfaces.												
	Cleaning	Water.												
	Substrate	Unprimed or primed concrete, cement plaster, brickwork, building boards, various other masonry surfaces and suitably primed wood and metal.												
	Application Environment	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 33%;">Surface Temperature</th> <th style="width: 33%;">Ambient Temperature</th> <th style="width: 33%;">Relative Humidity</th> </tr> <tr> <td>Min.: 5 °C</td> <td>Min.: 5 °C</td> <td>-</td> </tr> <tr> <td colspan="3" style="text-align: center;">Or 2 °C min. above dew point</td> </tr> <tr> <td>Max.: 40 °C</td> <td>Max.: 40 °C</td> <td>Max.: 85 %</td> </tr> </table>	Surface Temperature	Ambient Temperature	Relative Humidity	Min.: 5 °C	Min.: 5 °C	-	Or 2 °C min. above dew point			Max.: 40 °C	Max.: 40 °C	Max.: 85 %
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	Drying time	<table border="0" style="width: 100%;"> <tr> <td>Touch dry</td> <td>30 min at 23 °C (50% RH)</td> </tr> <tr> <td>Dry to handle</td> <td>1 h at 23 °C</td> </tr> <tr> <td>Recoating</td> <td>1 h at 23 °C</td> </tr> </table>	Touch dry	30 min at 23 °C (50% RH)	Dry to handle	1 h at 23 °C	Recoating	1 h at 23 °C						
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Storage and Packaging Store away from direct sun, heat and severe cold.
 Packaging: 5 ℓ and 20 ℓ.

Transportation This product is non-hazardous in accordance with Transportation and Classification of Dangerous Goods Act (1996).

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PLASCON MICATEX

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, fibre-cement, brick, stone: Ensure that concrete has dried for at least four weeks and other masonry surfaces two weeks before painting. Remove any loose particles and laitance by most suitable means. Remove any oil, grease and mould release agents with **AQUASOLV DEGREASER (GR 1)**. Rinse thoroughly.
N.B. Soft, underbound, friable and highly porous surfaces must first be restored to a sound condition before painting by applying a full coat of **PLASCON PLASTER PRIMER (UC 56)**
 - 1.2 PVC gutters and downpipes: Remove any oil and grease with **POLYCELL BRUSH CLEANER PAINT AND GREASE REMOVER**. Rinse off thoroughly with fresh water. Then sand surfaces with 150 - 180 grit paper to provide a key.
 2. PREVIOUSLY PAINTED SURFACES
 - 2.1 Limewash: Remove completely by scraping, wirebrushing, sandpapering, etc. to expose the underlying substrate. Apply **PLASCON PLASTER PRIMER (UC 56)**.
 - 2.2 Previously painted surfaces in good condition: Remove loose and flaking paint back to a sound substrate and a firm edge. Spot prime bare areas with appropriate primer. Clean old paint with **POLYCELL SUGAR SOAP POWDER CLEANER** 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.
 - 2.3 Previously painted surfaces in poor condition (e.g. extensive peeling): Completely remove paint by most appropriate means and treat as for new work.
 3. FILLING
Fill all imperfections with **POLYCELL MENDALL 90 ALL PURPOSE ADHESIVE FILLER** or **POLYCELL POLYFILLA EXTERIOR CRACK FILLER**. Seal **POLYFILLA EXTERIOR** and **MENDALL 90** with **PLASCON PLASTER PRIMER (UC 56)**.

Recommended Primer for other substrates

Mild steel: **-PLASCON METAL PRIMER (UC 501)**
Galvanised steel: **GALVANISED IRON PRIMER (GIP 1)**.
Wood: **WOOD PRIMER (UC 2)**.
Hardboard: **PLASCON PLASTER PRIMER (UC 56)**.

Application

- Apply two coats to new surfaces to achieve complete obliteration. For optimum protection always apply at recommended spreading rate.

Cautions

- NOT recommended for application by texture roller, since temperature and slight viscosity variations can cause texture variances.
- Avoid painting during inclement weather or if temperature is below 5 °C.
- To ensure that colours on a project are consistent check that batch numbers are the same.

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. If ingested give plenty of water / milk. Do not induce vomiting. Seek medical attention.
- Refer to Material Safety Data Sheet for complete information.

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.

N.B.: 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.

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TINT BASES for COLOUR EXPRESSIONS PLASCON MICATEX

PRODUCT DATA SHEET NO.: L -113
DATE: JULY 2002

TINT BASE CODE: TMX-range

THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS

Product Description	A range of tint bases to be used in the COLOUR EXPRESSIONS tinting system to produce a range of extremely durable fine textured emulsion paint colours for exterior use.							
Characteristics	<ol style="list-style-type: none"> 1) 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. 2) 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 intimately mixed with the tint base. 3) When mixed to a finished product its technical features, product information, application and surface preparation details comply with that of CROWN MICATEX (BBO-range), Product Data Sheet No. L-112 							
Product Information	•	<p>TINT BASES:</p> <table> <tr> <td>Pastel Tint Base</td> <td>(TMX 1050)</td> </tr> <tr> <td>Deep Tint Base</td> <td>(TMX 2050)</td> </tr> <tr> <td>Transparent Tint Base</td> <td>(TMX 3050)</td> </tr> </table> <p>Viscosity (Tint Bases) 124 – 129KU at 23°C, varying over range S G at 23 °C (Tint Bases) Approx. 1,32 (typical)</p> <p>COLOURANTS to be used : The are lead-free universal colourants specifically designed for use with the PLASCON COLOUR EXPRESSIONS tinting system.</p>	Pastel Tint Base	(TMX 1050)	Deep Tint Base	(TMX 2050)	Transparent Tint Base	(TMX 3050)
Pastel Tint Base	(TMX 1050)							
Deep Tint Base	(TMX 2050)							
Transparent Tint Base	(TMX 3050)							
Tinting Procedure	<ul style="list-style-type: none"> • Select the required colour and reference no. from the COLOUR EXPRESSIONS fandeck, other suitable fandecks or colour cards and locate the applicable formulation from the tables. • 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. 							
Storage and Packaging	<p>Store away from direct sun, heat and severe cold. Packaging: Nominal 5 ℓ and 20 ℓ.</p>							

PRODUCT DATA SHEET NO.: L -113**TINT BASES for PLASCON MICATEX**

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