Technical Data Sheet

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Product name

MICATEX (BBO RANGE & TMX TINT BASES)

PRODUCT DESCRIPTION

PLASCON MICATEX with WeatherTough ™ is a finely textured, exterior matt paint for long-lasting, extra protection against the toughest weather conditions and the wear and tear of everyday living.

INTENDED USES

- To weatherproof and protect exterior wall surfaces.
- Suitable for application to suitably primed cement plaster, concrete, brickwork, fibre-cement, breeze blocks, PVC gutters and down pipes.

FEATURES AND BENEFITS

- **Hero Ingredient:** The unique WeatherTough™ formulation now with POLYCELL™ POLYFILLA FINE CRACK FILLER to cover hairline cracks and retard water from entering through the cracks which may cause damp problems (excludes rising damp), premature colour fading or cracking and peeling of paint.
- Easy to apply and leaves at least twice the dried film thickness of conventional paints when used as recommended.
- 23% stronger paint film than a leading competitor.
- Mica for stretch and marble for strength.
- Protects exterior surfaces against breakdown caused by harsh climatic conditions - UV resistant.
- All colours have exceptional hiding and durability.
- No added lead.
- 15 Year Quality Guarantee (Refer to T&C's at www.plascon.com).

PRODUCT INFORMATION

Appearance	Matt
Colours	White (BBO 300) plus extensive standard colours as per colour card. Also available in a wide range of **INSPIRED COLOUR** tints.
Tint Bases	Pastel Tint Base (TMX 1050) Deep Tint Base (TMX 2050) Transparent Tint Base (TMX 3050)
Generic type	Acrylic emulsion
Volume Solids	34%
Recommended DFT	50-70µm per coat
Recommended WFT	147-206µm per coat
Typical spreading rate	4-6m²/ℓ @ 60µm DFT. This serves as a guide only. The practical spreading rate will vary depending on the profile of the substrate, as well as the application technique and tools used.
TVOC	White < 0g/ℓ. Standard colours and Tint bases < 16g/ℓ.

APPLICATION DETAILS

Mixing	Stir thoroughly with a flat paddle until homogeneous.		
Method	Brush or normal medium to heavy pile roller.		
Thinning	Not recommended. Ready for use.		
Cleaning	Water		
Application environment	Surface Temperature	Min*: 10°C	Max: 40°C
	Ambient Temperature	Min*: 10°C	Max: 40°C
	Relative Humidity	Min*: 10%	Max: 85%
	*or 3°C min. above dew point		
Drying Time	Touch dry	30min at 23°C	
	Recoating	2h at 23°C	

STORAGE AND PACKAGING

Store away from direct sun, heat, open flames, sparks or severe cold.
Packaging: 5ℓ and 20 ℓ

SURFACE PREPARATION

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

NEW WORK:

CEMENT PLASTER, CONCRETE, BRESSE BLOCKS, BRICK AND 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 **PLASCON AQUASOLV DEGREASER (GR 1).** Rinse thoroughly. Prime with **PLASCON PLASTER PRIMER (UC 56).**

FIBRE-CEMENT:

Remove any loose particles by most suitable means. Apply 1 coat of **PLASCON BONDING LIQUID (CVI 14).** Allow to dry for 16 hours.

WOOD:

Sand smooth with 150 grit paper working in the direction of the grain. Dust off. Seal knots and resinous areas with **PLASCON KNOT SEAL (PK 2)**. Prime exterior wood with **PLASCON WOOD PRIMER (UC 2)**.

MILD STEEL:

Degrease with **PLASCON AQUASOLV DEGREASER (GR 1)**. Rinse thoroughly with water. Remove any rust by coarse sanding, mechanical wire brushing to a bright metal finish. Prime general surfaces the same day with **PLASCON METAL PRIMER (UC 501)** or **PLASCOSAFE 18 PRIMER (EMS 18)**.

GALVANISED STEEL:

Clean with **PLASCON GALVANISED IRON CLEANER (GIC 1)** to achieve a water break-free surface. Rinse thoroughly with water. Prime the same day with **PLASCON GALVANISED IRON PRIMER (GIP 1)**.

HARDBOARD:

Prime with **PLASCON PLASTER PRIMER (UC 56)**.

PVC GUTTERS AND DOWN PIPES:

Clean and sand lightly. Prime with **PLASCON MULTI-SURFACE PRIMER (WUP 1).**

PREVIOUSLY PAINTED SURFACES:

IN GOOD CONDITION:

Remove loose and flaking paint back to a sound substrate and a firm edge. Clean old paint with **POLYCELL SUGAR SOAP POWDER** solution to remove all contaminants and chalked material. Rinse with clean water to remove all traces of sugar soap. Spot prime bare areas with appropriate primer. Sand glossy enamel surfaces to a matt finish, remove dust and apply **PLASCON UNIVERSAL UNDERCOAT (UC 1)**.

IN POOR CONDITION:

Completely remove paint by most appropriate means. Wash thoroughly with **POLYCELL SUGAR SOAP POWDER** solution. Rinse with fresh water. Treat as for new work in point 1 above.

CHALKY SURFACES:
Scrub with a **POLYCELL SUGAR SOAP** solution and rinse with clean water. Apply **PLASCON BONDING LIQUID (CVI 14)** and then **PLASCON PLASTER PRIMER (UC 56)**. N.B. BONDING LIQUID must be allowed to dry for 16 hrs.

FILLING:
Fill all imperfections or raked out plaster cracks up to 4mm with **POLYCELL MENDALL 90 or POLYCELL POLYFILLA EXTERIOR**. Spot prime repaired areas with **PLASCON PLASTER PRIMER (UC 56)**. Use **POLYCELL MENDALL 90** for wood defects.

APPLICATION INFORMATION

- Complete cutting in first using a two-coat application by brush or roller and then proceed to paint the entire surface.
- Apply two or more coats to correctly primed surfaces to achieve complete obliteration.
- For optimum protection always apply at recommended spreading rate.
- Always maintain 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.

CAUTIONS

- Fills and bridges hairline cracks up to 0.08mm in width for a period of 5 years applied at 100 µm DFT.
- N.B When applying tinted/standard colours to new masonry surfaces, prime first with the recommended primer.
- Avoid painting during inclement weather or if temperature is below 10°C.
- To ensure that colours on a project are consistent check that batch numbers and product codes are the same.

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 **MICATEX (BBO Range)**.
- Only colourants from the **Plascon INSPIRED COLOUR** system are permitted for use when tinting.

TINTING PROCEDURE

- Select the required colour and reference no. from the **PLASCON 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 remark 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 TINT COLOURS FROM MICATEX WHITE (BBO 300) - USE ONLY THE PRESCRIBED TINT BASES**.

SAFETY PRECAUTIONS

- Always keep paint out of reach of children.
- Ensure good ventilation during application and drying.
- If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner.
- Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention.
- Harmful if swallowed. Seek medical attention and do not induce vomiting.
- Refer to Safety Data Sheet for complete information.

DISCLAIMER

The recommendations contained herein are given in 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.

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