



Technical Data Sheet

Date of Issue: 17/02/2023 Revision Date 31/10/2023 | Version 3.0

Product name

PROFESSIONAL TEXTURED ACRYLIC COATING AND TINTBASES (PTA + TPT RANGE)



PRODUCT DESCRIPTION

Plascon Professional Textured Acrylic Coating is an excellent all-in-one water-based textured coating with Agrément South Africa Certification.

INTENDED USES

- Both interior and exterior use.
- Suitable for new and previously painted masonry surfaces.
- Ideal for a variety of surfaces such as cement plaster, concrete, porous brickwork, stonework, ash bricks, cement bricks and building blocks.
- Ideal for low cost housing projects.

FEATURES AND BENEFITS

- All in One primer, undercoat and topcoat.
- Agrément South Africa Certified.
- Rain resistant (Satisfactory performance with regards to Agrément South Africa's water penetration test).
- Tough and flexible to fill hairline cracks.
- Good adhesion.
- Excellent alkali resistant properties for Standard Colours.
- Available in White, Pastel & Deep Tintbases, as well as 7 Standard Colours.
- The product life expectancy for Trade projects are up to 7-years, dependent on the environment, coating system and substrate. Contact Plascon for a specification.



PRODUCT INFORMATION

Appearance	: Matt
Colours	: White (PTA 1), Pastel (TPT 1000) & Deep (TPT 2000) Tintbases and 7 Standard Colours (PTA 2 – Night Shadow, PTA 3 – Beach Path, PTA 4 – Dust Storm, PTA 5 – Peanut Brittle, PTA 6 – African Eland, PTA 7 – Boardwalk, PTA 8 – Sunset).
Generic type	: Modified acrylic emulsion
SG	: 1.37 g/mL (Typical)
Viscosity at 23°	: 105-115 KU (Typical)
Recommended DFT	: 65 - 85 µm per coat.
Recommended WFT	: 217 - 283 µm per coat.
Theoretical spreading rate	: 3 – 5 m ² /L. This serves as a guide
Practical spreading rate	: The practical spreading rate will vary depending on the profile of the substrate, as well as the application technique and tools used.
Flash point	: Non-flammable
TVOC	: < 5g/L

APPLICATION DETAILS

Mixing	: Stir thoroughly with a flat paddle until homogenous.
Method	: Block brush and sheep skin 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	1hr at 23°C
	Recoating	2h at 23°C



STORAGE AND PACKAGING

Store away from direct sun, heat, open flames, sparks or severe cold.

Packaging: 20L

SURFACE PREPARATION

All surfaces must be clean, firm, sound and thoroughly dry before painting.

Fill defects with the appropriate POLYCELL filler.

NEW WORK:

Cement plaster, concrete porous brickwork, stone work, ash bricks, cement bricks or building blocks: Remove any loose particles and laitance by most suitable means.

Fibre cement board: Prime with **BONDING LIQUID (CV1 14)**.

PREVIOUSLY PAINTED SURFACES:

Previously painted surfaces in good condition: Remove loose and flaking paint back to a sound substrate and a firm edge by scraping and sanding. Clean with **POLYCELL SUGAR SOAP POWDER (501703) solution** to remove all contaminants and chalked material. Rinse with clean water to remove all traces of **POLYCELL SUGAR SOAP POWDER (501703) solution**. Alternatively, clean with high pressure water jet.

Sand glossy enamel surfaces to a matt finish and apply one coat of **PROFESSIONAL ALL PURPOSE UNDERCOAT (PU800)**.

Previously painted surfaces in poor condition: Completely remove paint by most appropriate means e.g. scraping, coarse sanding or stripping. Wash thoroughly with **POLYCELL SUGAR SOAP POWDER (501703) solution**. Rinse well with fresh water to remove all traces of **POLYCELL SUGAR SOAP POWDER (501703) solution**. Ensure substrate is sound, not powdery or friable, prior to coating. Proceed as for **NEW WORK**.

FILLING:

Fill all imperfections with the suitable **POLYCELL FILLER** and spot prime filled areas with **TRADEPRO SOLVENT BASED PLASTER PRIMER (USP 1)**.

APPLICATION INFORMATION

- Stir thoroughly with a flat paddle.
- Apply 2 or more coats by roller or brush to achieve complete obliteration.
- **TWO COATS COARSE TEXTURE FINISH:**



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- Apply two full coats of Plascon Professional Textured Acrylic Coating by sheep skin roller @ 250µm WFT. Allowing 2h drying in between coats.
- **STRIATED FINISHES:**
- Apply two coats of Plascon Professional Textured Acrylic Coating using a block brush @ 250µm WFT per coat creating vertical striations finishing in downward strokes. Allowing 2h drying between coats.
- **EVEN SPRAY TEXTURE:**
- Apply a mist coat of Plascon Professional Textured Acrylic Coating by hopper gun to cover the surface. This is followed by a full coat of Plascon Professional Textured Acrylic Coating to achieve the desired finish to give you a total practical spreading rate of 1m²/L.
- 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.
- Always “box”, or mix together, all product on site during use to prevent colour variations between different batches and cans.
- Final finish and texture are dependent upon applicator skills and techniques.

CAUTIONS

- For health reasons, avoid dusting when preparing fibre-cement surfaces. Keep surfaces wet and wash off residues with water.
- Do not apply to surfaces where the temperature is less than 10 °C.
- Do not paint under conditions of frost, dew, rain or fog or inclement weather. **Note:** Painting under the above conditions may affect the performance of the paint film.
- 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.
- Do not pour paint down the drain.
- 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 Safety Data Sheet for complete information.



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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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