KANSAI PLASCON

SPECIFICATION SHEET NO: **NW465t**

NEW WORK/REPAINT: NEW WORK - EXTERIOR - WATERPROOFING - without Membrane

SUBSTRATE: Cement Plaster / Concrete / Fibre-Cement (Parapets, Plaster Bands, Window Sills etc.)

PAINT FINISH: Acrylic to match existing walls

COLOUR: Plascon Colour System

ENVIRONMENT: **The Maintenance Cycle is a guide but can vary due to micro-climate changes identified on the site which will affect the longevity of the coating system**

As per ISO 12944:		Maintenance Cycle (Years) * Dependent on topcoat used
C1 -	Inland	*
C3 -	Industrial	*
C5 -	Coastal / Marine	*

Plascon Coating System	Application Method	Spreading Rate m²/ℓ	WFT/DFT µm (min & max)	Reducer/ Cleaner	Overcoating time h @ 23 °C	Technical Data Sheet No	TVOC g/ℓ
Primer Professional Gypsum and Plaster Primer (PP 700)	B, R or S	@ 40 µm Theo: 8.8 Prac: 5.1	WFT 109-129 DFT 35-45	Min. Turps (AZH I)	16	PP 700	423
Intermediate Coats **3 Coats** Professional Waterproofing Compound (PWC 520)	B or R	@ 250 µm Theo: 2 Prac: 1.5	WFT 400-600 per coat DFT 200-300 per coat	Water	4	PWC 520	10
1st Finishing Coat Acrylic to match existing walls							
2nd Finishing Coat Acrylic to match existing walls							

PLASCON

Revision Date: January 2016

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SURFACE PREPARATION:

- Ensure that surfaces are clean, dry and sound.
- Concrete must cure for minimum 28 days and cement plaster 14 days before painting.
- Remove any hollow and soft/underbound plaster and replaster.
- Remove dirt and loose particles.
- Remove any oil, grease and other contaminants with Plascon Aquasolv Degreaser (GR 1) working it well into affected areas with bristle broom or brush. Leave for 20 minutes to react, rinse thoroughly with fresh water to remove all traces of Plascon Aquasolv Degreaser (GR 1), using high pressure water jet or scrubbing with brush or broom. Allow to dry completely.
- Remove fungi and algae by scrubbing with a solution of household bleach (3,5 % sodium hypochlorite) - 1 part bleach to 2 parts water by volume. Leave for 1 hour, brush off with a bristle brush. Rinse thoroughly with tap water to remove all traces of bleach and allow to dry.
- Fill cracks and other surface defects with the appropriate Polycell filler - refer Surface Preparation, Crack Repair.
- Moisture content measured with a Doser Hygrometer (or equivalent) must not exceed the following limits before painting:
  - concrete, off-shutter, pre-cast: B 4 scale – 5 %
  - cement plaster, brickwork, fibre-cement: B 2 scale – 8 %

APPLICATION:

Primer Coat

- Apply one coat of Professional Gypsum and Plaster Primer (PP 700) to achieve a continuous film. Allow 16 hours to dry.

Intermediate Coats (3 coats)

- Apply three full coats of Professional Waterproofing Compound (PWC 520) at a spreading rate of approximately 1.5m²/ℓ per coat. Allow 4 hours drying between coats. Stipples should be smoothed out while still wet using a water wet brush.

Finishing Coats

- Apply two coats of **Acrylic to match existing walls**…….

TABLE REFERENCES:

- Technical Data Sheet (TDS): User must always ensure that latest issue is used.
- B = Brush (ready for use), R = Roller (synthetic, min. 10mm pile) (ready for use), S = Airless spray (ready for use).
- Theoretical spreading rate quoted is for smooth non-porous substrates and does not include allowance for surface profile, porosity, wastage and uneven film application. Suitable allowance should be made according to type of work, method and skill of applicator. Practical spreading rate quoted is an average guide only - actual must be determined by user.
- Overcoating times are at 23 °C and 75 % relative humidity. Longer times must be allowed under cooler and moist conditions. DO NOT paint during inclement weather and when temperature is below 10 °C.
- Fading and chalking will occur to a greater or lesser degree depending on pigmentation and generic binder type.
- NB: Life expectancy may vary, depending on environmental conditions and stresses, within the macro/micro climate of the project.