

SPECIFICATION NO: **NW101t**

NEW WORK/REPAINT: NEW WORK – EXTERIOR

SUBSTRATE: Masonry (Cement Plaster, Concrete, Off-Shutter, Pre-Cast, Unglazed Brickwork) and Fibre-Cement Board

PAINT FINISH: Professional Elastoshield PRODUCT CODE: **PES**
(A flexible, durable and weather-proof water based coating with micro fibres to bridge hairline cracks - matt)

COLOUR: White plus Plascon colour system and other fan decks.

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 12944-2:1998	Maintenance Cycle (Years)
C1 - Inland	10
C3 - Industrial	10
C5 - Coastal / Marine	10

Plascon Coating System	Application Method	Spreading Rate m ² /ℓ	WFT/DFT μm (min & max)	Reducer/Cleaner	Overcoating time h @ 23 °C	Technical Data Sheet No	TVOC g/ℓ
Primer Professional Damp Plaster Paint (PSB 600)	B, R or S	@ 30 μm Theo: 8.3 Prac: 4.6	WFT 100-140 DFT 25-35	Min. Turps (AZH 1)	16	PSB 600	495
1st Finishing Coat Professional Elastoshield (PES/TED)	B, R or S	@ 70 μm Theo: 5.7 Prac: 3.8	WFT 150-200 DFT 60-80	Water	6	PES	<5 white & pastel tinted <16 deep & transparent bases tinted
2nd Finishing Coat Professional Elastoshield (PES/TED)	B, R or S	@ 70 μm Theo: 5.7 Prac: 3.8	WFT 150-200 DFT 60-80	Water	6	PES	<5 white & pastel tinted <16 deep & transparent bases tinted

SURFACE PREPARATION:

- ^ Ensure that surfaces are clean, dry, 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, then 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, then 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 : B4 scale – 5%
 - cement plaster, brickwork, fibre-cement : B2 scale - 8%

Caution: please check cement plaster integrity. Any friable or hollow disbanded plaster must be removed.

APPLICATION:

Primer Coat

- ^ Apply one coat of Professional Damp Plaster Paint (PSB 600) to achieve complete obliteration, allowing 16 hours to dry.

Finishing Coats

- ^ Apply two full coats of Professional Elastoshield (PES/TED) to achieve complete obliteration, allowing 6 hours drying between coats.

Note:

Using a honey-comb sponge roller will produce a fine textured finish which will help mask plaster imperfections.

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.

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