

SPECIFICATION NO: **NW209**

NEW WORK/REPAINT: NEW WORK – INTERIOR

SUBSTRATE: Gypsum Plaster (Rhinolite, Rhinoglide, Crestone, Putty Plaster)

PAINT FINISH: Professional Super Matt
(Smooth finish – water based, high cover, durable matt acrylic)

PRODUCT CODE: PEM 900

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	5
C3 -	Industrial	5
C5 -	Coastal / Marine	5

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 Waterbased Gypsum Sealer (PGS 1)	B, R or S	@ 30 μm Theo: 7 Prac: 3.9	WFT 119-167 DFT 25-35	Water	1	PGS 1	65
1st Finishing Coat Professional Super Matt (PEM 900/TSA)	B, R or S	@ 30 μm Theo: 11.3 Prac: 6.3	WFT 74-103 DFT 25-35	Water	1	PEM 900	<5 white & pastel tinted <16 deep & transparent
2nd Finishing Coat Professional Super Matt (PEM 900/TSA)	B, R or S	@ 30 μm Theo: 11.3 Prac: 6.3	WFT 74-103 DFT 25-35	Water	1	PEM 900	<5 white & pastel tinted <16 deep & transparent

SURFACE PREPARATION:

- ^ Ensure surfaces are clean dry, sound and free from surface contaminants.
 - ^ Remove contaminants using a mutton cloth in-conjunction Mineral Turps (AZH 1)
 - ^ Soft undercured surfaces may be restored to a sound surface with Plascon Bonding Liquid (CVI 14) thinned 20 % by volume with Mineral Turpentine (AZH 1). Allow 16 hours to dry, but not more than 48 hours, before painting.
 - ^ Make good defects using Polycell Polyfilla Interior (101002). Allow at least 30 minutes to dry and sand smooth with 220 grit paper and dust off.
 - ^ Where necessary the Gypsum may be skimmed using Terraco Handycoat EZ Skim (TER 1200) to make good trowel marks, defects and fine cracks. Allow 2 hours to dry and sand using 220 – 350 grit paper depending on the smooth profile required. Dust off.
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APPLICATION:

Primer Coat

- ^ Apply one coat of Plascon Professional Gypsum Sealer (PGS 1) to achieve a continuous film. Allow 1 hour to dry.

Finishing Coats

- ^ Apply two full coats of Professional All Purpose Matt (PEM 900/TSA) to achieve complete obliteration, allowing 1 hour drying between coats.
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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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