

NEW WORK/REPAINT: NEW WORK – INTERIOR/EXTERIOR

SUBSTRATE: Wood

PAINT FINISH: Professional Superior Low Sheen PRODUCT CODE: **PEM 1000**
(Smooth finish – water based, superior low sheen acrylic, durable, washable)

COLOUR: White and standard colours as per colour card, 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	4
C3 -	Industrial	4
C5 -	Coastal / Marine	4

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 Wood Primer (PP 800)	B, R or S	@ 30 μm Theo: 15 Prac: 8.3	WFT 56-78 DFT 25-35	Min. Turps (AZH 1)	16	PP 800	422
1st Finishing Coat Professional Superior Low Sheen (PEM 1000/TLS)	B, R or S	@ 30 μm Theo: 12.7 Prac: 7	WFT 66-92 DFT 25-35	Water	1	PEM 1000	< 5 white & pastel tinted < 16 deep & transparent tinted
2nd Finishing Coat Professional Superior Low Sheen (PEM 1000/TLS)	B, R or S	@ 30 μm Theo: 12.7 Prac: 7	WFT 66-92 DFT 25-35	Water	1	PEM 1000	< 5 white & pastel tinted < 16 deep & transparent tinted

SURFACE PREPARATION:

- ^ Ensure that surfaces are clean, dry and sound.
 - ^ Moisture content measured with a Doser Hygrometer B 2 scale A1-A5 (or equivalent), depending on the wood type, must be <14 % before painting.
 - ^ Sand wood to a smooth finish with 150–220 grit paper in the direction of the grain (depending on the smoothness required). Sharp edges must be rounded off. Dust off.
 - ^ Fill holes and other surface defects with Plascon Polyfilla Mendall 90 (801601) working off smoothly while wet. Allow 6- 8 hours to dry, then sand to a smooth finish. Dust off.
 - ^ Wash knots and resinous areas with Plascon Lacquer Thinner (ILS 1). Apply Plascon Woodcare Knot Seal (PK 2) to all knots and resinous areas. Allow 1 hour to dry.
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APPLICATION:

Primer Coat

- ^ Apply one coat of Professional Wood Primer (PP 800) to achieve a continuous film. Allow 16 hours to dry.

Finishing Coats

- ^ Apply two full coats of Professional Superior Low Sheen (PEM 1000/TLS) to achieve complete obliteration, allowing 2 hours 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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