

NEW WORK/REPAINT: REPAINT EXTERIOR - WATERPROOFING - barrier coating

SUBSTRATE: Cement Plaster, Concrete, Brickwork

PAINT FINISH: Plascon Dampseal PRODUCT CODE: **WDS 1**
(A water barrier coating against rising and penetrating damp)

COLOUR: White

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)

C1 -	Inland	3
C3 -	Industrial	3
C5 -	Coastal / Marine	3

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
Sealer Coat Plascon Dampseal (WDS 1) (thinned 3:1)	B only	@ 50 μm Theo: 10.2 Prac: 7	WFT 117-144 DFT 45-55	Min. Turps (AZH 1)	24	WDS 1	
1st Finishing Coat Plascon Dampseal (WDS 1)	B or R	@ 100 μm Theo: 5.1 Prac: 3.5	WFT 176-216 DFT 90-110	Min. Turps (AZH 1)	24	WDS 1	

SURFACE PREPARATION:

- ^ After a full site assessment has been conducted, select the appropriate surface preparation required from Surface Preparation clauses for remedial procedure.
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APPLICATION:

Sealer Coat

- ^ Apply a first coat, by brush, thinned three parts Plascon Dampseal (WDS 1) to one part mineral turpentine (AZH 1) allowing 24 hours drying.

Finishing Coat

- ^ Apply a second coat unthinned by brush or roller at a spreading rate of 3.5 m²/ℓ. (The coating may be smoothed over with a trowel wetted with mineral turpentine to match smooth wall surfaces).
- ^ On exceptionally porous surfaces, a third coat may be necessary.

On exceptionally damp walls:

Apply the first coat in three stages:

- ^ To the bottom section of the wall and allow 24 hours to dry.
- ^ To the middle section of the wall and allow 24 hours to dry.
- ^ To the top section of the wall and allow 24 hours to dry.
- ^ The second coat may be applied unthinned.

NOTE:

- ^ Plascon Dampseal (WDS 1) may be overcoated with a Waterbased or Alkyd system. If overcoating with Alkyd, first prime the Plascon Dampseal (WDS 1) with Plascon Professional Gypsum and Plaster Primer (PP700).
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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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