

NEW WORK/REPAINT: NEW WORK - EXTERIOR - WATERPROOFING – with Siloxane water repellant

SUBSTRATE: Brickwork, Stonework, Concrete, Cement Plaster, Fibre-Cement

PAINT FINISH: Plascon Brickseal
(Silicone-based water repellant treatment) PRODUCT CODE: **WBS 1**

COLOUR: Clear

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
1st Finishing Coats Plascon Brickseal (WBS 1)	Large areas: Stirrup pump Small areas: B, R or S	@12 μm Prac: 7.2	N/A	Min. Turps (AZH 1)	4	WBS 1	
2nd Finishing Coat Plascon Brickseal (WBS 1)	Large areas: Stirrup pump Small areas: B, R or S	@12 μm Prac: 7.2	N/A	Min. Turps (AZH 1)	4	WBS 1	

SURFACE PREPARATION:

Cement plaster, concrete, fibre-cement

- ^ 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, then rinse thoroughly with fresh water to remove all traces of Plascon Aquasolv Degreaser (GR1) , 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, SP4 Crack Repair.
 - ^ Moisture content measured with a Doser Hygrometer (or equivalent) must not exceed the following limits before painting:
 - o concrete, off-shutter, pre-cast : BD 4 scale - 5%
 - o cement plaster, brickwork, fibre-cement : BD 2 scale - 8%
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APPLICATION:

NOTE: if a third coat is required due to high porosity, 4 hours drying time must be allowed between coats. Should the Brickseal be topcoated using water based acrylic, 24 hours must be allowed for the Brickseal to cure before overcoating.

Finishing Coats

- ^ Apply two coats Plascon Brickseal (WBS 1) by Stirrup Pump ensuring that the whole area is covered and absorbency is satisfied.
 - ^ Work from the top of a vertical wall in bands down to the bottom overlapping each band. Allow 4 hours drying between coats. The curing of this Siloxane requires 24 hours to develop its water repellency or be overcoated with water based acrylics.
 - ^ **PLEASE NOTE: This material may be block-brushed or rolled.**
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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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