

SPECIFICATION NO: **NW551**

NEW WORK/REPAINT: NEW WORK – INTERIOR/EXTERIOR

SUBSTRATE: Face Bricks

PAINT FINISH: Plascon Brickseal
(Clear Siloxane water based water repellent 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 12944-2:1998 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 Plascon Brickseal (WBS 1)	B, R or S	@ 7 μm Theo: 12 Prac: *	WFT 81 DFT 7	Min Turps (AZH 1)	4	WBS 1	
1st Finishing Coat Plascon Brickseal (WBS 1)	B, R or S	@ 7 μm Theo: 12 Prac: *	WFT 81 DFT 7	Min Turps (AZH 1)	4	WBS 1	

*Dependent on porosity and surface profile

Allow the first coat to dry for 4 hours to satisfy absorbency and achieve optimum performance

SURFACE PREPARATION:

- ^ Ensure that surfaces are clean, dry and sound.
 - ^ Faulty pointing should be raked out and redone using Polycell Masonry Patching Plaster (102003). Allow to dry for 24 hours at 23°C.
 - ^ 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.
 - ^ Moisture content measured with a Doser Hygrometer (or equivalent) must not exceed the following limits before painting:
 - Bricks: B2 scale – 8 %
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APPLICATION:

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.**

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.

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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