

**NEW WORK/REPAINT:** NEW WORK - EXTERIOR - WATERPROOFING - using a membrane

**SUBSTRATE:** Cement Plaster / Concrete / Fibre-Cement  
Parapet walls, flashings, etc.

**PAINT FINISH:** Plascon Gelseal  
(An acrylic sealer used in conjunction with a polyester membrane for maximum waterproofing)

**PRODUCT CODE: WGS**

**COLOUR:** Black WGS1, Grey WGS2, Red, WGS 3, White WGS 4, Green WGS5.

**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	4
C3 -	Industrial	4
C5 -	Coastal / Marine	4

Plascon Coating System	Application Method	Spreading Rate m <sup>2</sup> /ℓ	WFT/DFT μm (min & max)	Reducer/Cleaner	Overcoating time h @ 23 °C	Technical Data Sheet No	TVOC g/ℓ
<b>Primer</b> Professional Gypsum and Plaster Primer (PP 700)	B, R or S	@ 40 μm Theo: 8.8 Prac: 5.1	WFT 109-129 DFT 35-45	Min. Turps (AZH I)	16	PP 700	423
<b>1<sup>st</sup> Finishing Coat</b> Plascon Gelseal (WGS) and Roofseal Membrane (WRM)	B or R	@ 90 μm Theo: 2 Prac: 1.4	WFT 444-555 DFT 80-100	Water	Embed membrane into wet 2 hrs drying	WGS	< 16
<b>2<sup>nd</sup> Finishing Coat</b> Plascon Gelseal (WGS)	B or R	@ 90 μm Theo: 2 Prac: 1.4	WFT 444-555 DFT 80-100	Water	2	WGS	< 16
<b>3<sup>rd</sup> Finishing Coat</b> Plascon Gelseal (WGS)	B or R	@ 90 μm Theo: 2 Prac: 1.4	WFT 444-555 DFT 80-100	Water	2	WGS	< 16

**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%

**APPLICATION:****Primer Coat**

- ^ Apply one coat of Professional Gypsum and Plaster Primer (PP 700) to achieve a continuous film. Allow 16 hours to dry.

**Finishing Coats**

- ^ Apply a heavy wet coat of Plascon Gelseal (WGS) at a spreading rate of approximately 1.4 m<sup>2</sup>/ℓ. Immediately embed Plascon Roofseal Membrane (WRM) into the wet paint with a fluted steel or plastic roller. Allow 2 hours to dry.
- ^ Apply a sealer coat of Plascon Gelseal (WGS) at 1.4 m<sup>2</sup>/ℓ to seal the membrane completely. Allow 2 hours to dry.
- ^ Apply a final coat of Plascon Gelseal (WGS) at 1.4 m<sup>2</sup>/ℓ for durability.

**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 - see Preamble for formulation how to calculate.
- ^ 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.