

NEW WORK/REPAINT: NEW WORK – INTERIOR – DEMARCATION LINES

SUBSTRATE: Concrete

PAINT FINISH: Plascon Plascothane 9000 Polyurethane Acrylic
Two component re-coatable polyurethane acrylic finish

PRODUCT CODE: PRU/PRH 9

COLOUR: RAL and BS Colour ranges

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) depending on traffic

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 Plascoguard Gehopon 7 Sealer (GW 7) Mixing ratio: 5:1 by mass	B, R (mohair roller)	@ 18 μm Theo: 11.7 Prac: 5.7	WFT 71- 95 DFT 15-20	GP Epoxy Reducer (EPT 1)	12	GW 7	660
1st Finishing Coat Plascothane 9000 Polyurethane (PRU/PRH 9) Mixing Ratio 6:1 by volume	B, R or Airless Spray	@ 60 μm Theo: 8.8 Prac: 5.8	WFT 75-141 DFT 40- 75	PT 2	10	PRU	470
2nd Finishing Coat Plascothane 9000 Polyurethane (PRU/PRH 9) Mixing Ratio 6:1 by volume	B, R or Airless Spray	@ 60 μm Theo: 8.8 Prac: 5.8	WFT 75-141 DFT 40- 75	PT 2	10	PRU	470

SURFACE PREPARATION:

- ^ Ensure surfaces are clean, dry and sound.

CONCRETE

- ^ **Oil contamination:** Remove by applying Plascon Aquasolv Degreaser (GR 1) with a bristle brush or broom to affected areas. Allow to react for 20 minutes. Scrub off thoroughly with tap water and brush/broom to remove all traces of oil and Plascon Aquasolv Degreaser (GR 1).
- ^ Vacuum shot blast surface to a medium profile to remove laitance. Ensure surface is clean, dry and sound.
- ^ Moisture levels must not exceed 5 % when using a Doser Hygrometer B 4 scale (or equivalent) before painting.

OR

- ^ High speed diamond grind surface to remove laitance. Vacuum entire area.
 - ^ Moisture levels must not exceed 5 % when using a Doser Hygrometer B 4 scale (or equivalent) before painting.
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APPLICATION:

Sealer Coat

Mix the base and hardener thoroughly in a 5:1 ratio by mass before use.

- ^ Apply one coat of Plascon Plascoguard Gehopon 7 Sealer (GW 7) by mohair roller at a rate of not more than 7 m²/ℓ to achieve a continuous film. Allow 12 hours to dry. Any glossy patches should be sanded to a matt finish.

Finishing Coats

- ^ Mix the base and hardener thoroughly in a mixing ratio of 6:1 by volume before use.
 - ^ Apply two full coat of Plascon Plascothane 9000 Polyurethane Acrylic (PRU 9000/PRH 9) to obtain full obliteration. Allow 10 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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