

SPECIFICATION SHEET NO: **RD413a**

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

SUBSTRATE: Concrete

PAINT FINISH: Hysheen Road Marking Paint
Single Pack solvent-based coatings

PRODUCT CODE: TP 24, TP 41, TP 88

COLOUR: TP 24 = White
TP 41 = Golden Yellow
TP 88 = Signal Red

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	2
C3 -	Industrial	2
C5 -	Coastal / Marine	2

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 Concrete Floor Prep (FCS 1)	B, R (mohair roller)	@ 13.5 μm Theo: 11.1 Prac: 4.9	WFT 80-100 DFT 12-15	Water	8	FCS 1	0
Finishing Coat Plascon Hysheen Road Marking Paint (TP 24, 41, 88)	B, R or S	@ 240 μm Theo: 2.1 Prac: 1.5	WFT 451-490 DFT 230-250	Toluol Reducer (HVL 1)	1	TP 24, 41, 88	420 white 387 yellow 337 red

NB: * practical spreading rate is dependent on surface porosity and profile

SURFACE PREPARATION:

SMALL PROJECTS:

- ^ Apply by brush or roller Removall Rust Remover and Concrete Etcher (RCC 120) to the demarcation area. Allow to react for 30 mins. Rinse thoroughly with fresh water and allow to dry.
- ^ Ensure surfaces are clean, dry and sound.
- ^ Moisture content measured with a Doser Hygrometer (or equivalent) must not exceed the following limits before painting:
 - concrete : B 4 scale <5 %

LARGE PROJECTS:

- ^ Ensure surfaces are clean, dry and sound.
- ^ **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

- ^ Apply one coat of Plascon Concrete Floor Prep (FCS 1) by mohair roller. Allow 8 hours to dry.

Finishing Coat

- ^ Apply one coat of Plascon Hysheen Road Marking Paint (TP 24, 41, 88) to a DFT of 230-250 µm.
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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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