

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

SUBSTRATE: Concrete

PAINT FINISH: Cold Cure Screed Marking Paint **PRODUCT CODE: STP 1 & 2**
 Two component coating for road marking and runway surfaces
 Where high performance is required
 (Good night time visibility, resistant to abrasion and weathering, lead free)

COLOUR: STP 1 = White
 STP 2 = Yellow

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 kg/m ²	WFT/DFT µm (min & max)	Reducer/Cleaner	Overcoating time h @ 23 °C	Technical Data Sheet No	TVOC g/ℓ
Finishing Coat Plascon Cold Cure Screed Marking Paint STP 1 & 2/STH 1 Hardener Mixing ratio: 100:1 by mass	Screed application or B, R	@ 1500 µm Theo: 3.1 Prac: 4.1	WFT 1000-2000 DFT 1000-2000	Cleaning Only: Lacquer Thinner (ILS 1)	DTNP: 30 mins @ 1500 µm	STP 1 & 2	0

SURFACE PREPARATION:

- ^ 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 and curing aids. 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 and curing aids. 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:

Finishing Coat

Power mix base and powder hardener thoroughly together until homogenous.

- ^ Apply 1 full coat of Plascon Cold Cure Screed Marking Paint (STP 1 or 2) by screed application or brush/roller to a film build of 1500 µm DFT per coat.
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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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