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CRP MER

MOISTURE EVAPORATION RETARDER

INTRODUCTION

CRP MER is a low viscosity aliphatic alcohol blend in an aqueous solution, and is applied to freshly placed concrete surfaces, to reduce water evaporation during the critical "finishing" period of the concrete, particularly under adverse weather conditions such as high temperature, high wind and low humidity.

BENEFITS

- Reduces plastic shrinkage
- Totally waterbased
- Will not affect adhesion of after trades
- Gives an improved finish to the concrete surface when trowelled or floated
- Has no effect on the cement hydration process
- Reduce "stickiness" to concrete tools during finishing

USES

CRP MER can be used on coloured concrete, pre-tressed or precast concrete, roads, bridges, etc. MER is ideal for use with coloured dry hakes on concrete where extra time may be required to enable placement of stencils, matting, etc. The product is suitable for wood float, hand trowel or machine finishes.

SURFACE APPLICATION

Prior to application, CRP MER must be thoroughly

shaken, then mixed at a rate of one (1) part CRP MER to nine (9) parts water. The product should be applied by spray to the concrete surface at a uniform rate of 1 litre per 5m².

The fugitive dye (green) contained within CRP MER will disappear within a few hours of application. Finishing of the concrete can continue, the film formed by MER will reform during this process, depending on the amount of surface bleed water present.

In extreme wind or heat conditions it may be necessary to re-apply CRP MER to the concrete surfaces.

IMPORTANT NOTE

BEFORE APPLYING CRP MER HAKE IT FIRSTLY DILUTE TO 9 LITERS OF WATER THE FIRST TIME

NOTE: Do not over apply CRP MER, as this can effect the water : cement ratio, causing the concrete surface to become weak or dusty.

CRP MER IS NOT a curing compound. All concrete surfaces should be cured according to AS3600, using a curing compound that complies to AS3799 (90% minimum curing efficiency).

TYPICAL PROPERTIES AND APPLICATION DATA

Appearance	Green coloured liquid
Coverage	5m ² per litre, when diluted
Viscosity	Same as water
Solids	Not applicable
Solubility in Water	Soluble
Flash Point	Not applicable
Volatiles	Not applicable
Shelf Life	6 months max.
Dry Time	Tack Free: Not applicable Hard Dry: Not applicable
Application Temperature	5 °C - 40 °C
Application By	- Spray
Packaging	- 205 L Eponlined drum 20 L Plastic cube
UN Number	Not applicable
Hazchem Code	Not applicable
Packaging Group	Not applicable
Poison Schedule	Not applicable
Dangerous Goods Class	Not applicable

Refer to Material Safety Data Sheet for precautions and personal protection

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