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## CRP PRIMECURE 90 DESCRIPTION DATA

### INTRODUCTION

CRP Primecure 90 is a blend of bitumen and hydrocarbon resins emulsified in water. The impervious film formed by PRIMCURE 90 prevents excessive water evaporation while promoting efficient cement hydration and minimizes shrinkage while increasing the durability of the treated concrete.

### USES

Primecure 90 is designed primarily for the curing of fresh poured concrete that is to have a bitumen overlay. Primecure 90 meets AS3600/AS3799 requirements for curing concrete.

OTHER USES ---Priming of CTCR, priming of compacted road base and tack coating

### SPECIAL FEATURES

Due to the unique formulation and blend of bitumen resins and hydrocarbons, CRP PRIMCURE 90 not only cures concrete but it also performs as an excellent primer and tack coat for bitumen and asphalt overlay. CRP Primecure90 is ideally suited suitable for bridge decks and road construction where curing and priming is required in one application where HMA and bitumen is to be applied in one application. Primecure90 can also be applied as a tanking membrane, but must be backfilled and covered as sunshine will make Primecure90 tacky.

### BENEFITS

CRP PRIMCURE90 complies with Australian Standards AS3799 and achieves a water retention rate of 99%. CRP PRIMCURE90 contains no wax, reduces plastic shrinkage and eliminates the need to cure concrete using methods such as wet hessian, ponding and or polythene sheeting.

Where curing is not required, check our other products CRP EP EZISPRAY, CRP EC30 and CRP TRACLKES QDH.

### SURFACE APPLICATION FRESH POURED CONCRETE

CRP PRIMCURE90 should be applied to the concrete surface as soon as bleed water has gone and the concrete surface has hardened enough so as not to be marked by the application process.

DO NOT DILUTE, apply PRIMCURE90 at a rate of 1 litre per 4.5m<sup>2</sup> (or at rate specified by client) by way of airless spray unit (not garden hand held pressure units), or can be applied by roller, broom or squeegee. If the application of PRIMCURE90 has had heavy traffic on it prior to bitumen overlay, a further tackcoat may be required.



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TYPICAL PRPERTIES & APPLICATION DATA

Appearance is a black homogeneous liquid in its container.

Application coverage is 5 meter square per litre

CRP PRIMCURE90 IS APPLIED COLD NO HEATING REQUIRED

Viscosity 0.22 pascals per second

Solids 50% + -

Soluble in water

Flash point 84deg c

Solvents not applicable

Shelf life 6 months

DRY TIMING (dependant on ambient )

Note: dry to touch 1-3 hours, cure to 100% in 24 hours, up to 6 hours to full cure in 24 hours

Application temperature 10 deg c to 35deg c

Methods of application .....Best results Airless spray . Other methods Broom, squeegee or roller

DO NOT USE A DOMESTIC GARDEN HAND PRESSURISED GARDEN SPRAYER

UN No not applicable. Hazchem code not applicable.

Packaging 20 liter cube,, 200 litre drums or 1000 liter IBC

*PRIMECURE 90 HAS A NUMBER OF APPLICATIONS .IF YOU HAVE AN APPLICATION AND YOU ARE NOT SURE CALL FOR ADVICE. APPLY 3 HEAVY COATS IF USED FOR WATERPROOFING*

*Packaging Group: Not applicable*

*Poison Schedule: 5*

*Dangerous Goods Class: Not applicable*

**Refer to Material Safety Data Sheet for precautions and personal protection**

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