

# CRP

CONCRETE REPAIR PRODUCTS



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ABN 44 568368 372



## CRP AC

Modified edition 01/04/2018

### INTRODUCTION

CRP AC is an acrylic modified emulsion used as a curing membrane on freshly poured concrete. CRP AC meets AS3799 requirements and exhibits excellent durability as a concrete sealer.

### BENEFITS

- Dries to a clear finish
- Complies with Australian Standard AS3799
- Achieves water retention of 90% or greater
- Totally water based
- Single pack
- Reduces plastic shrinkage
- Environmentally friendly
- Can be applied by spray, roller or brush
- Will not yellow in sunlight
- Eliminates the need for curing by ponded water, damp hessian or polythene sheeting
- Seals concrete surfaces
- Takes most after trades
- Equipment washable in water

### USES

CRP AC is suitable for curing all freshly laid concrete either smooth or textured, indoors or outdoors. As a moisture barrier and dust control under carpet, tiles, vinyl covering etc

### SURFACE APPLICATION

Apply CRP AC to the concrete as soon as the bleed water has gone and the concrete has hardened sufficiently so as not to be marked by the application process. Apply CRP AC undiluted at a rate of 1 litre

per 5m<sup>2</sup>. Best applied by spray, however, may also be applied by brush, roller or broom.

If after trades need to be applied it is recommended that a period of 28 days from the date of pouring has elapsed before any after trades are applied.

**NOTE: Although CRP AC is classed as a sealer, it is not a wearing coat on factory floors...**

**AC should be over coated with a trafficable hard wearing polyurethane to take fork lifts or other welled vehicles or trolleys. AC WILL NOT BOND TO HEAVILY DUSTED SURFACES. Blow the slab off prior to application with a dust blower or broom.**

### TYPICAL PROPERTIES AND APPLICATION DATA

*Appearance:* Milky white emulsion

*Coverage:* 5m<sup>2</sup> per litre

*Viscosity:* 20 - 22 seconds (Ford #4)

*Solids:* 40% +/- 1%

*Solubility in Water:* Totally soluble

*Flash Point:* Not applicable

*Solvents:* Not applicable

*Shelf Life:* 12 months maximum

*Dry Time: Tack Free:* 1 - 3 hours

*Hard Dry:* 4 - 8 hours

*Trafficable:* 24 hours

*Application Temperature:* 10°C - 35°C

*Application By:* - Spray - Brush

- Roller - Broom

*Packaging:* - 205 Lt drum

- 20 Lt container

*UN Number:* Not applicable

*Hazchem Code:* Not applicable

*Packaging Group:* Not applicable

*Poison Schedule:* Not applicable

*Dangerous Goods Class:* Not applicable



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#### **OTHER PRECAUTIONARY MEASURES.**

**For the builder or architect's**

**If CRP AC is to be applied and left bare of any other coating or covering as described in the main body of this document, it is desired that the architect or builder check with the client as to what type of vehicle traffic will the floor be subjected to.**

**Hard rubber wheels can score the AC coating which will in turn cause the AC to chip and delaminate.**

**Hard wheeled trolley's can and will crack the surface of AC and cause chipping and delamination. Black tyred vehicles will leave unsightly tyre marks which are difficult to clean off. White tyre vehicles would be best suited.**

**CRP AC cannot withstand wheel heat over 40°**

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

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