

**PRODUCT INFORMATION DATA SHEET****DECEMBER 2004****DESCRIPTION**

C R P R<sub>N</sub> is a totally chloride free cementitious penetrative waterproof protective coating specially designed for the restoration of old and the protection of new concrete.

**PACKAGING**

20kg plastic pails.

**USE**

Repair, restoration, waterproofing and ongoing protection of concrete structures, such as:

- Bridge pylons, beams and decks.
- Walls and floors.
- Roof decks.
- Tanks.
- Culverts.
- Tunnels

**PROPERTIES OF COATING**

- Water impermeable to 5 atmospheres.
- High impact abrasion resistance.
- Relatively high compression and flexural strength.
- Higher chemical resistance than normal concrete.

**INSTALLATION** (Refer to MSDS before use)**Surface Preparation**

Remove any existing coating and thoroughly clean surface, acid etch, pressure wash and allow to damp dry.

**Priming** (Recommended)

C R P L, apply sufficient quantity to fully wet surface.

Note: Priming advances the chemical reaction and gives higher early bond strength.

**Mixing Equipment:**

Low Sheer Mechanical Mixer is recommended.

**Mixing Method:**

Place the required amount of water in a clean mixing bucket and while stirring slowly gradually add the C R P R<sub>N</sub> to give the desired workability. Continue mixing for 3 minutes until the mixture becomes homogeneous.

Allow to stand for 5 minutes then remix for 1 minute before applying.

*Note:*

- *As a guide the normal water requirement is 1 litre to 4.5-5.5kg of C R P R<sub>N</sub>.*

**Application**

Apply by trowel or spray to a wet puddle free surface at a thickness of between 2 and 4mm.

**Curing**

Cure with a water based acrylic curing compound, like Evencure AC or X D 40.

Alternatively, wet the surface with water as soon as the surface is firm. Keep surface wet for a minimum of 6 hours.