

## **Technical Specification Concrete Swimming Pool**

### **Required Preparation**

The Concrete should be cleaned using High Powered pressure washing to remove any external contaminants.

Following this the wet surface should be cleaned using Coo-Var Acid Etch. The Acid Etch Solution should be diluted 3:1 with clean water, then applied to the surface using a sweeping or turks-head brush.

On contact with the concrete the solution should vigorously foam. When the foaming has subsided the surface should be rinsed with clean water. Leave the surface at least 24 hours to dry.

Required

### **Required Primer**

Thin the first coat of Chlorvar Chlorinated Rubber (10% by volume) to assist in penetration into the concrete.

Apply by Brush or Roller; For ease of access apply to the walls before painting the floor. Applying too thickly may cause solvent entrapment and subsequent blistering, care must be taken to apply at the recommended spreading rate of 14sqm/L.

Leave 24-48 hours to dry before applying subsequent coats.

### **Midcoat**

After a minimum of 24 -48 hours apply a second unthinned coat at a spreading rate of 14sqm/l. Do not overwork as the first coat may be disturbed. Some "bite" into the first coat is normal. Allow 24-48h before applying the 3rd coat.

### **Topcoat**

After a minimum of 24- 48 hours apply a third full thickness coat, again taking care not to disturb the prior coats, applying at a spreading rate of 14sqm/l.

Allow 14 days before filling the pool with water to allow the solvent to be released from the paint.

If the pool is filled too early entrapped solvent may cause small blisters to form in the surface.

## Additional Notes and Recommendations

Application must receive careful consideration, factoring in the weather. A Warm cloudy day is ideal as it is not desirable to apply in direct sunlight or strong winds.

Chlorvar should also not be used if the surface is wet i.e morning dew, rainfall, or if it likely to rain during the painting process.

24-48h drying times are based on an ambient temperature of 20 degrees, if the temperature is substantially colder the drying process may take longer.

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