



PALATINE PAINTS



Chlorinated Rubber Paint – Technical Specification Guide

Project Substrate: Bare Concrete

Required Preparation:

Any visible grease will need to be removed; this can be done using a degreaser or oil remover.

All surfaces will need to be cleaned prior to application. This should be done by high powered pressure washing to remove any external contaminants. All flaking material should be removed.

All bare concrete surfaces must be given an adequate key for the system to adhere to and have all dust and laitance removed. Preferably this would be done mechanically using a diamond grinder or shot blasting, but it can also be removed chemically using Acid Etch.

Palatine Acid Etch for Concrete:

The Acid Etch Solution should be diluted 3:1 with clean water, then applied to the surface using a watering-can and worked into the concrete using a sweeping or turks-head brush. On contact with the concrete the solution will vigorously foam.

Once the foaming has subsided, the surface should be rinsed thoroughly with clean water and left to fully dry before application of the primer.

Required Primer:

Chlorinated Rubber Paint (Thinned)

Thin the first coat of Chlorinated Rubber Paint by 10% (by volume) with [Palatine Multi Purpose Thinners](#) to assist in penetration into the concrete. Apply by Brush or Roller.

Applying too thickly may cause solvent entrapment and subsequent blistering, care must be taken to apply at the recommended spreading rate of 13.6 m² /L.

Leave at least 24 (but preferably 48 hours) to dry before applying subsequent coats.



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Subsequent Coats:

After the recommended overcoat time, apply a second, unthinned coat of Chlorinated Rubber Paint at a spreading rate of 13.6 m²/L.

Do not overwork as the first coat may be disturbed. Some “bite” into the first coat is normal.

Leave at least 24 (but preferably 48 hours) to dry before applying subsequent coats.

After the recommended overcoat time, apply another full thickness coat, again taking care not to disturb the prior coats, applying at a spreading rate of 13.6 m² /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.

Chlorinated Rubber Paint 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.

Ensure that suitable painting conditions are adhered to:

- Relative humidity: <80%
- Air temperature: 10-30 °C
- Substrate should be a minimum of 3 degrees above the dew point

Drying times are based on an ambient temperature of 20 degrees; if the temperature is substantially colder the drying process may take longer.

Ensure the pool is not filled for 14 days after application of the final coat.