



High Performance Paint Product Data Sheet



CHLORINATED RUBBER

87-13XX JUN 09



DESCRIPTION: A combination of high molecular chlorinated polymer and specialised resins.

TYPICAL USES: Coating of swimming pools where the substrate is either concrete (old or new), fibreglass or plaster finish and a single pack product is desired.

PERFORMANCE:

- Single pack product.
- Excellent intercoat adhesion.
- Fast drying (at temperatures 8 – 25°C).
- Easy maintenance and touch up.
- Easy clean of brushes and rollers.

LIMITATIONS:

- Solvent based, flammable and has a strong odour.
- Cannot be used in heated pools above 29°C
- Cannot apply on damp concrete. Blistering usually results.
- Body fats cause loss of adhesion.
- Moderate chalking and loss of gloss when exposed to sunlight.

TECHNICAL DATA:

Resin:	Chlorinated Rubber
Solvent:	Chlorinated Rubber Thinners
Finish:	Satin – 20-30% @ 60°.
Colour:	Mid Blue and Black
Touch Dry (minimum):	2 hours @ 17°C.
Recoat Time (minimum):	12 hours (Overnight) Full Cure – Min. 7 days @ 17°C. Preferred cure time 10-14 days.
Primer:	Not Required
Number of Coats:	2-3 required
Dry Film Thickness:	
Wet Film Thickness:	
Durability:	
Thinning and Clean Up:	Chlorinated Rubber Thinners
VOC:	
Pot Life:	Not Applicable
Pack Size:	4, 10 Litre

SPREAD RATE:

Theoretical Coverage: 8-10 m²/litre/coat Brush/Roll
6-8 m²/litre/coat Spraying

Coverage depends on surface profile and porosity.

COMPUTER CODES:

Chlorinated Rubber Mid Blue	87-1335
Chlorinated Rubber Black	87-1302

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CHLORINATED RUBBER

SURFACE PREPARATION:

(Refer to "Surface Preparation and Paint Systems" for full details). To ensure a successful application all surfaces to be coated must be clean, dry and stable.

All cracks and joints need to be treated as appropriate to suit the situation. Do not expect paint to bridge moving cracks/joints successfully.

Note: Commencement of work on a surface means in general you accept that surface. If any doubt about condition etc, seek advice.

NEW CONCRETE:

Concrete must be cured for 28 days (minimum) and free from release agents, oils, fats etc. Surface laitance must be removed by either light abrasive blasting or acid washing (10% hydrochloric acid). Use CONCRETE ETCH 10% (see data sheet). Surface prior to painting should be even textured similar to #180 grit sand paper.

PAINTING AND REPAINTING A SWIMMING POOL WITH CHLORINATED RUBBER:

Refer to specification sheet PS-CR01, available from Coating Technologies Ltd (CTL).

OLD CONCRETE – PAINTED:

CHLORINATED RUBBER paints can be repainted after water blasting with detergent mix. Remove any flaking or blistering areas using a wire brush or grinder. Epoxy coatings (2 pack) may be over coated. Check with CTL first. Other paints must be removed by light grit blasting the surface. Then treat as new concrete.

Note: Surface MUST BE DRY to avoid blistering forming during the drying period (see moisture test below).

APPLICATION:

ROLLED: Use a short pile (10 mm nap max) roller. Dacron or Mohair (of good quality). Apply 2-3 coats, the first coat can be thinned 10% with CHLORINATED RUBBER THINNERS to improve penetration to new concrete.

BRUSHED: For small areas and cutting in, use a conventional quality solvent brush.

Note: Excessive rolling or brushing will lead to air entrapment or cob webbing effect.

SPRAY: **AIRLESS:** Use 13 -15 thou tips e.g. 515, pressure 2500 – 3000 psi.
CONVENTIONAL: Pot gun e.g. JGA-FUN or E fluid tip and 704/768 air cap.

Apply CHLORINATED RUBBER where possible away from direct sunlight so as to minimise blister formation. Surfaces warmed by sun, and now shaded for rest of day are ideal.

Pools should be allowed to cure for 10 days minimum (at 15 deg C) before filling.

MOISTURE TEST:

Tape and seal a plastic sheet 400X400mm to the concrete. Leave for 16 hours and check for water droplets or mist on the underside of the plastic. Proceed when no water is present after the 16 hour period. Test several places at the same time.

THINNING & CLEAN UP:

Spray use 10 – 15% CHLORINATED RUBBER THINNERS. Clean up with CHLORINATED RUBBER THINNERS.

ENVIRONMENTAL:

Do NOT use in a confined space. Do NOT smoke in a working area. Do NOT spill or discard product into storm water or open drains. Keep away from sparks and flames. (Product is flammable).

NOTE: Solvent fumes accumulate in hollows e.g. empty pools. Be careful not to become asphyxiated.

Avoid contact with eyes and skin. Seek medical advice if contamination occurs. Soak up spills with absorbent material and dispose of properly. DO NOT POUR paint or wash down storm water or water courses. ALWAYS dispose of in accordance with local Government regulations. Soak up spills with absorbent material and dispose of properly. If spraying use suitable respiratory protection. Refer to the MATERIAL SAFETY DATA SHEET.