

## 881 – CR Roadmarking

### PRODUCT DESCRIPTION & USES

**881 CR Roadmarking** is a high performance high solids chlorinated rubber based road marking paint which is hard wearing, quick drying and easily visible as traffic marking paint for both asphalt and concrete surfaces.

### PRODUCT FEATURES

- Suitable for Asphalt and Concrete Paving Surfaces
- Can be air dried at ambient conditions between 5°C and 35°C, RH<85%.
- Extra high solids.
- Will meet TNZ M/07 §4.1 - Resistance to Trafficking of A180 - All Markings for **881-400 CR Roadmarking Yellow**.
- Will meet TNZ M/07 §4.1 - Resistance to Trafficking of B180 - All Markings for **881-100 CR Roadmarking White**.
- Made in New Zealand to New Zealand Specifications for New Zealand conditions

### TECHNICAL DATA

Gloss Level	Low Sheen
Primer	Not applicable
Wash Up	H9 or G5 Thinner or toluene.
Colour	White and Yellow to TNZ M/07 §9.1.
Pack Size	4L & 20L ex stock. 200L & 1000L to customer order.
Storage Temperature	5°C - 50°C
Shelf Life	Minimum 1 year.
Toxicity	Flammable. Contains petroleum solvents. White formulated without added lead. Yellow contains Lead Chromate Pigments.
VOC content	374g/L as per EC-07-09 and APAS definition of Volatile Organic Compound.
Volume Solids	57%
Wet Film Thickness	310µ or 390µ
Dry Film Thickness	180µ or 220µ respectively
Coverage	3.2 m <sup>2</sup> /L or 2.6 m <sup>2</sup> /L respectively

### SUBSTRATE PREPARATION INSTRUCTIONS

**General Surface Preparation:** Surfaces must be clean with no traces of grease, oil or dirt. Clean the surface to be painted with a stiff broom to remove old loose paint, dust and dirt.

All new concrete surfaces should have cured for a minimum of 28 days and have a moisture content of 5% maximum before coating. Uncoated concrete should be abraded or acid etched to improve the adhesion of **881 CR Roadmarking** paint to the concrete surface. Oil or grease contamination should be cleaned using a suitable commercial detergent.

Adhesion of **881 CR Roadmarking** paint to concrete or cement substrate is enhanced if the concrete surface, after suitable preparation, is sealed by applying a coat of **730-000 Acriseal**.

### RECOMMENDED APPLICATION METHODS AND TECHNIQUES

This product has been developed specifically for application by airless Road marking and striping machines, but can also be applied by conventional spray. It is not suitable for brush or roller application.

Minimum Surface Temperature:	5°C
Maximum Relative Humidity:	85%
Temperature Range:	5°C - 35°C
Suitable Application Methods:	Airless road-marking and striping machines & conventional spray.
Thinners:	H9 or G5 Thinner or toluene.
Cleaning Solvent:	H9 or G5 Thinner or toluene.
Max. Volume Thinners:	5% for application by conventional spray only.

### DRYING CHARACTERISTICS

No pick up time of 7 to 15 minutes as per AS1580 401.8 when applied at 310µ WFT at 25°C and 65% relative humidity. Times will change when the product is used under different temperature and humidity conditions.

### OVERCOATING

Not applicable

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**NOTE:** The information concerning the use and application of this product is intended for use by professional specifiers and applicators, is given in good faith and is believed to be correct at the date of issue. Protective Paints Ltd reserves the right to alter the product or specification without notice. The user should check the date of issue, and if more than 24 months have elapsed, should verify with our nearest sales office that the information is still current. Because we cannot control the way these products may be used, or the conditions they may be exposed to, we can give no express guarantees in respect of the performance of this product. However certain guarantees may be implied by law.



## 881 – CR Roadmarking

### HEALTH & SAFETY

#### CAUTION! FLAMMABLE

Contains petroleum solvents: keep away from heat and open flame. Close container when not in use.

**881-400 CR Roadmarking Paint Yellow** contains Lead Chromate Pigments

#### KEEP OUT OF REACH OF CHILDREN

**WARNING:** This material may be harmful if swallowed or inhaled and may cause skin or eye irritation.

**PRECAUTIONS:** Avoid breathing vapour - use with adequate ventilation. Do not eat, drink, or smoke whilst using. Store in a cool, well ventilated area indoors between 5°C - 20°C. Dispose of empty container safely. Empty cans or cans containing dry material may be recycled. Do not contaminate any water supply.

#### FIRST AID

If Swallowed: Give water to dilute. Owing to the aspiration hazard of hydrocarbon solvents, **DO NOT CAUSE VOMITING**. Get medical attention without delay.

Eye Contact: Treat immediately with water -- hold open and flush for at least 15 minutes. Get medical attention if irritation persists.

Skin Contact: Remove any contaminated clothing and wash skin thoroughly with soap and water. Avoid scrubbing skin.

Inhalation: Leave the hazard area, maintain breathing and get medical attention.

**FIRE:** Use foam, carbon dioxide or dry chemical powder.

**SPILLS:** Absorb with sand or earth. Collect and seal in properly labelled drums for disposal according to local waste management authority.

Refer MSDS, available on request, for detailed safety instructions.

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