

**PROLINE CRX White & Yellow**

**Overview:**

Proline CRX, is a solvent based chlorinated rubber alkyd traffic paint. The coating has strong film integrity and excellent surface adhesion allowing the product to be applied easily. Proline CRX is suitable for most asphalt, chipseal and concrete surfaces without the need for priming. Once cured the painted surface resists tyre marking and is easily recoated with Proline CRX. The coating is fact curing, drying in less than five minutes depending on road and weather conditions.



**Storage:** Proper storage includes being inside or kept in covered areas where it is out of direct sunlight. Ideal storage temperatures between, 5°C – 35°C. Shelf life of unopened product is one year from the date of manufacture providing proper storage has been followed and minimal agitation.

**PPE:** The following PPE is needed during the different stages of application. Operators must fully understand the SDS' (available from [www.ennisflintapac.com](http://www.ennisflintapac.com)) prior to works beginning.



**Safety Precautions: Proline CRX is a flammable, hazardous material. Applicators must review and understand SDS' for all products being used prior to application.**



**Equipment:**

Surface prep & layout	Mixing	Installation	Clean up
<ul style="list-style-type: none"> <li>Stiff broom</li> <li>Blower</li> <li>Measuring tape</li> <li>Chalk line</li> <li>Marking crayons</li> <li>Masking tape</li> </ul>	<ul style="list-style-type: none"> <li>High speed / torque drill (with power source / spare batteries)</li> <li>Mixing paddles</li> </ul>	<ul style="list-style-type: none"> <li>Long handled roller cages</li> <li>Rollers - med. nap</li> <li>Linemarking Spray Machine</li> </ul>	<ul style="list-style-type: none"> <li>Solvent resistant gloves</li> <li>Safety glasses</li> <li>Large cleaning tub</li> <li>Solvent resistant brushes</li> <li>Cloth rags</li> <li>Toluene</li> </ul>

**General Requirements:** Pavement surfaces must be completely free of dirt, debris, moisture, curing compounds and other contaminants that can affect adhesion. New substrates should be allowed to age harden or cure for minimum 28 days before installation for best performance.

**Temperature:** Ambient and surface temperatures for installation should be between 10 – 35°C and shouldn't be installed near or below the dew point. Do not apply if rain is forecast within 2 hours.

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### APPLICATION INSTRUCTIONS

- 1. Surface Prep:** It is critical for the surface to be clean and prepared appropriately. All surfaces must be dry, free of any dust and loose debris and at the proper temperature prior to application. Clean the intended application area thoroughly. All loose particles, dirt, sand dust, etc. must be removed. Concrete surfaces should be wire brushed, at minimum, but high-pressure water blasting, mechanical surface grinding, blasting or combination of techniques is recommended. Use a power blower or compressed air to remove any dust. Areas containing chemical contaminants such as vehicle fluids must be cleaned using a degreasing solution. Proper removal of contaminants and degreasing solution are necessary well in advance of the application.
- 2. Mixing:** Upon opening the container, give the material a stir with the mixer for approx. 1 minute or until product is of a smooth homogeneous consistency.
- 3. First Coat: Base Coat:** After mixing, pour the material into a line marking spray machine and spray via airless pressure. As an alternative the material can be poured into a paint roller tray and can be applied via brush or roller. Work the material evenly.
- 4. Glass Bead Application:** As soon as the paint has been applied to the surface, glass beads should be lightly poured on top while it is still wet to ensure excellent adhesion. This maximizes night time visibility via retro-reflectivity.
- 5. Setting Time:** Allow the material to set. Do not allow any pedestrian or vehicle traffic onto the work area, as any disturbance during the drying process can adversely affect the durability of the product and/or track it. The dry to touch time should be less than 5 minutes depending on the temperature of the road.
- 6. Coverage:** Coverage rate can vary depending on the type of surface and texture. Coverage is approximately 2.3sqm/L for 220micron Dry Film (440micron Wet Film).
- 7. Clean up:** Toluene is preferred for use as a thinner, cleaner and flushing equipment. Clean in well ventilated areas to reduce fume build-up and worker exposure. Do not come into direct contact with solvents - use proper personal protective equipment. Toluene is extremely flammable; take proper handling measures to reduce static discharge and combustion. Dispose of all contaminated materials in accordance with all applicable federal, state and local laws and regulations.
- 8. Opening to traffic:** Proline CRX needs to be dry before traffic is permitted. The tyre pickup time (*when applied and dried at 25C and film thicknesses*) is typically less than 5mins full film properties may take up to 24hrs to fully develop. It is recommended to test no pick up properties prior to opening to traffic.

### Common Reasons which may cause Failure:

- 1. Concrete:** EF Series – C4 Concrete Primer is recommended for better paint adhesion to concrete. **New concrete needs at least 28 days** to set prior to application. Mechanically abrading all concrete surfaces before application by high-pressure water blasting, milling, mechanical surface grinding, shot blasting or combination of techniques is highly recommended for extending life of paint adhesion.

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2. **Temperature:** Application temperatures greater than 35°C and less than 10°C should be avoided as it may result in the material lifting from the surface.
3. **New Asphalt:** Application on newly laid asphalt roads is not recommended. A 28-day curing period is recommended to rid the surface of contaminants and excess bituminous oil. In cases where it is unavoidable, risk of adhesion failure may be reduced by blasting the surface with high pressure water and allowing thorough drying before any works are carried out.

Important: Please read the complete **Safety Data Sheet** and any precautions on product label before use. **Safety Data Sheet** is available on the Ennis Flint website:  
[www.ennisflintapac.com](http://www.ennisflintapac.com)



Scan this image  
For easy access to  
Safety Data Sheet

Follow all directions and warnings fully and carefully, otherwise do not use this product.

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