



PRODUCT SPECIFICATIONS

Product Description APCO Road Marking Fast Dry Water Borne Paint is a premium quality, 100% acrylic water-based road marking paint specifically formulated for fast drying applications. This environmentally friendly coating provides exceptional durability on bituminous and concrete surfaces without bleeding or discolouration. APCO Road Marking provides clean lines with high visibility. Suitable for reflective glass beads.

- Features**
- 100% water based acrylic - environmentally friendly.
 - Non-flammable with low VOC content.
 - Superior durability and wear resistance.
 - Suitable for reflective glass beads.

Uses Specifically designed for line marking on bituminous and concrete roads, highways, car parks, shopping centres, pedestrian crossings, and council properties. Suitable for both manual and automatic road marking machine application.

* For applications outside these listed uses, please contact our technical team for specific advice and product suitability assessment.

Specifications ISO9001:2008, APAS 0041/5, AS4049.3

Physical Characteristics

Application Data	Dry [μm]	m^2/l
Theoretical Coverage	200	3.2
	300	2.2

Theoretical spreading rate: 3.2 m^2/L at 200 μm dry film thickness. Practical coverage will vary depending on surface porosity, application method, and environmental conditions.

Finish	:	Matt
Colour	:	White, Golden Yellow Y14, Bright Blue B23, Black N61, Emerald G13, Signal Red R13, Homebush Yellow Y26
Components	:	One
Volume solids	:	63.50 - 65.5 %
Weight Solids	:	77.00 - 81.5 %
VOC Level	:	53g/L
Viscosity @ 25° C	:	235-270 grams
Density	:	1.63-1.73
Flash Point	:	Non flammable
Thinner	:	Not recommended
Standard Packing Size	:	1000L, 500L, 200L, 15L, 4L

Application Conditions

Air Temperature	:	10°C to 40°C
Surface Temperature	:	10°C to 40°C
Relative Humidity	:	Maximum 85%
Surface Moisture	:	Concrete <6%

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Application Method

Suitable for manual and automatic road marking machine and should be applied by a trained applicator. Ensure adequate film build when applying coating.

AIRLESS SPRAY	:	May be used
CONVENTIONAL AIR SPRAY	:	May be used
BRUSH OR ROLLER	:	May be used, Additional coats may be required to achieve the recommended film thickness.

Drying & Curing Time

Temperature	Touch Dry	No Pick Up	Full Cure	Overcoating	
				Min.	Max.
25 °C	Not Applicable	< 3 Minutes	7 Days	1-2 hours	Indefinite

* These values are provided as a general guide. Site conditions including ambient temperature, relative humidity, air circulation, applied film thickness, and any product modification will impact actual drying rates.

Surface Preparation

General Requirements: All surfaces must be clean, dry, and structurally sound. Remove all dirt, dust, oil, grease, and loose material by appropriate means. Ensure surface moisture content is below 6% for concrete substrates.

New Concrete: Allow minimum 28 days curing. Remove any curing compounds, laitance, or surface treatments that may affect adhesion. Light abrasive blasting or diamond grinding may be required. New Asphalt: Allow minimum 28 days before coating. Ensure surface is free from oils and bitumen bloom.

Application

Mix the paint thoroughly using a power mixer until the contents are completely uniform. The product is supplied ready for use and should maintain a consistent mixture throughout application. Remix periodically during use, especially if the product has been standing.

This product is best applied using airless spray or air-atomised spray equipment suitable for water-based road marking paints. The rapid drying nature of this paint makes spray application the preferred method for achieving optimal results. While brush or roller application is possible for small areas or touch-ups, the fast dry characteristics may make it challenging to maintain a uniform finish with these methods.

Apply the paint at the recommended film thickness to ensure proper durability and glass bead retention. When applying reflective markings, glass beads must be broadcast onto the wet paint immediately after application, before the surface begins to skin. The fast drying nature of this product means timing is critical for optimal bead adhesion and retroreflectivity.

Weather conditions play a crucial role in successful application. Avoid application if rain is threatening or expected within a few hours. The painted lines must be protected from traffic until the surface has dried sufficiently to prevent pick-up or tracking. In hot weather, spray tips may require frequent cleaning due to the rapid drying characteristics of the paint. Conversely, cool temperatures and high humidity will extend drying times and may require longer traffic control periods.

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Clean Up

After each use, promptly clean all equipment with water. Ensure that tools and equipment are thoroughly washed before the product has a chance to cure.

Additional Information

- **MIX & COLOUR CHECK:** Mix the paint thoroughly before application. Stir the paint every 2 hours to maintain consistency. Check the colour against the colour chart or standard before applying. For multiple containers, mix them together to ensure colour uniformity. During painting, replace and secure the container lid to prevent the paint from drying out.
- **STORAGE:** Store in a cool dry shaded area. Shelf Life at 25 °C: 12 months minimum when stored as prescribed in the SDS
- **Environmental:** Do not wash painting equipment and allow waste to enter drains and waterways. Do not dispose of unwanted paint and thinners that will enter drains and waterways. Refer to state / local EPA and council websites for environmental and safe disposal details.

Safety & Precautions

Read the Safety Data Sheet (SDS) for this product before use. The SDS contains important information on hazards, precautions, personal protective equipment, first aid, and safe handling instructions. To obtain a copy of the SDS, visit our website at www.apccoatings.com.au or call our customer service line at (02) 9832 0000. Keep out of reach of children. Keep windows and doors open during use and while drying to ensure adequate ventilation. If swallowed, immediately call the Poisons Information Centre at - Australia: 13 11 26, New Zealand: 0800 764 766 or contact a doctor. Avoid contact with skin and eyes.

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