

APCO Air Pave Runway Water Borne Paint

Production Description

Water based environment friendly acrylic paint designed specifically to meet the requirements of line marking at airports. APCO Air Pave Runway Paint is faster drying than the conventional coatings and is formulated to suit the application commonly practiced for line marking on airport runways, taxiways, safety lines and vehicle/aircraft parking areas. APCO Air Pave Runway Paint is formulated to erode at a controlled rate, this prevents lines and markings from becoming higher in dry film thickness (DFT) when recoated. Weather exposure maintains the coating film in a controlled erosion manner allowing the line marking to remain visible and bright.

Areas of Application

APCO Air Pave Runway Paint for runway & line marking concrete and bituminous surfaces, on airport runways, taxiways, safety lines and vehicle/aircraft parking areas.

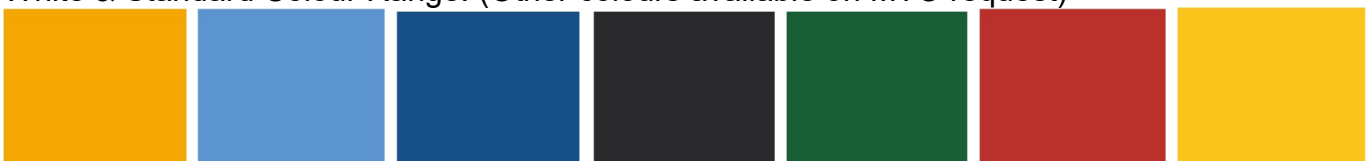
Technical Data

Colour Range	White N14, Golden Yellow Y14, Blue Bell B41, Bright Blue B23, Black N61, Emerald G13, Signal Red R13, Homebush Yellow Y26 (other colours on request)
Gloss Level at 60° head	Matt
Solvent Resistance	Being thermoplastic film sensitive towards alcohol & aromatic hydrocarbons
Toxicity	Dry film is not toxic
Flammability	Non-flammable
Thinning	Water. It is recommended to avoid water addition as it retards drying.
Cleaning Solvent	Water
Theoretical Coverage**	5 sq. m. / litre per coat at 100µm Dry film thickness. Practical coverage may depend on surface profile, method of application and losses.
Drying Time (at 25C & RH 60%)*	Touch dry in 30 minutes. / Recoat in 2 hours. Cooler Temperatures, higher film thickness, low air flow conditions or higher humidity conditions will require longer drying time.
Packs available	200L, 20L, 15L
Component	Single Component

*Cooler temperature, higher film thickness and higher humidity conditions will require longer drying times

**Practical coverage may depend on surface profile, method of application and losses. Higher film thickness will lead to lower coverage.

White & Standard Colour Range. (Other colours available on MTO request)



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APCO

AUSTRALIAN PAINT COMPANY



Golden Yellow Y14 Blue Bell B41

Bright Blue B23

Black N61

Emerald G13

Signal Red R13

Homebush Yellow Y26

The colours shown above are for reference use only, refer to Australian Standards AS2700 colour chart for accurate colour swatches.

Application

This product is suitable for manual and automatic road marking machine and should be applied by a trained applicator. Ensure adequate film build when applying coating. Can also be used for brush and roller application where the area is small.

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Surface Preparation

Ensure that the area where line marking is to be done is clean and free from all dirt, dust, grease, oil, loosely adhered material and all other surface contamination. If any mould or fungus is present on the surface, wash it with a commercial bleaching agent and then with rinse with clean water. Allow the surface to dry fully before application.

Concrete: All pot holes need to be filled using a suitable compound. Should be free from other loose materials or incompatible curing compounds, free from oil, grease or other contaminants..

Suggested preparation methods are (1) High pressure washing(2)Mechanical grinding(3)Acid wash. Please ensure moisture content below 4% to ensure the coating does not form blisters.

Asphalt: All pot holes need to be fixed. Surface should not have excess bitumen on the surface. No oil, grease or other contaminants should be present prior to coating. Suggested preparation method is to pressure wash.(20 to 40 Mpa pressure recommended). Please ensure surface is completely dry .

Mix and Colour Check

Mix the paint thoroughly just prior to application. Mix smaller containers with a wide flat (25mm) paddle or a hand paint mixer with a perforated base, in a circular lifting motion from the bottom of the container for 5 minutes or until the paint and colour are thoroughly mixed. Remix the paint every hour to ensure product consistency.

Check colour to the colour chart/standard prior to application. Inner mix multiple containers together to ensure colour consistency. Replace and secure container lid during painting to prevent the paint drying within the container.

Flammability & Transport Information

- Non-flammable.
- Ensure container is upright with lid secure.
- Ensure the container is secured in the vehicle for transport.

Environmental

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- Do not wash painting equipment and allow waste to enter drains and water ways.
- Do not dispose of unwanted paint and thinners that will enter drains and water ways.
- Refer to state / local EPA and council web sites for environmental and safe disposal details.

Safety & Precautions

- Do not apply when surface temperature is below 10⁰ C.
- Do not apply in environments of high humidity/moisture, or if pending rain is a possibility.
- Apply in calm fine weather conditions.
- Cease painting if weather changes are forecast.
- Use only the recommended thinner for dilution and cleaning.
- Check paint colour to the colour chart/standard prior to application
- Provide adequate ventilation during use.
- Keep out of reach of children
- Avoid exposure of the new paint film to steam for 48 hours and to washing or scrubbing for 7 days.
- Check cross cut adhesion test of old coating before repainting.
- Apply a test sample for compatibility of this product over a small test area.

The technical information and suggestions for use and application are given in good faith. Since conditions of use are beyond the manufacturer's control, information contained herein is without warranty, implied or otherwise. The manufacturer does not assume any liability for any loss or injury resulting from the use of the product. Cooler temperature, higher film thickness and higher humidity conditions will require longer drying times.

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Reviewed June 2019

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