

RapidPave Paving Enamel

Production Description

APCO RapidPave Paving Enamel is a premium quality single pack, heavy duty, polyurethane-based paint with hard wearing properties. It is a tough coating with fast drying characteristics. The product can be recoated in 2 hours. RapidPave Paving Enamel is designed to protect and decorate concrete, and timber surfaces. RapidPave Paving Enamel forms an attractive, protective and impervious coating on the substrate to protect against spillage of common fluids on it.

Areas of Application

Exterior and Interior applications. Suitable for protection of driveways, paths, verandas, courtyards and workshop floors made with timber & concrete.

This product is not suitable for use on clay pavers, terracotta surfaces, rubber, vinyl, surfaces exposed to the marine environment, and areas around pools. Not suitable for areas where ground water is likely to rise through the substrate.

Technical Data

Colour	Refer to APCO Floor & Path Colour Collection chart.
Gloss Level at 60° head	20 - 25%
Solvent Resistance	Resistance to aliphatic hydrocarbon is good. Polar solvents & chlorinated solvents are liable to attack the film.
Toxicity	Dry film is not toxic
Heat Resistance	Up to 120°C max
Thinning & Clean Up	Enamel Thinner 600 or Mineral Turps. Though this product is designed for undiluted application, it may be thinned up to 10% if necessary.
Theoretical Coverage*	12-14 sq.m. / litre depends on surface profile
Drying Time (at 25 C & RH 60%)**	Touch dry 20 minutes ** / Recoat: 2 hours**
Packs available	1 litre, 4 litre, 10 litre. (other sizes on request)

*Practical coverage depends on surface profile, method of application and dry film thickness. Higher film thickness leads to lower coverage.

** Cooler temperature, higher film thickness, or higher humidity conditions will lead to longer drying times.

Method of Application

Can be applied by brush, roller or spray. Please use the method best suited to your requirement and skill. Do not apply in unfavourable weather conditions, or early morning and late afternoon where dew and frost are present. The addition of aggregate may be added to the coating to provide a slip resistant surface. Slip resistance is recommended on sloping or steep exterior surfaces

Surface Preparation

Ensure that the surface is dry and free from dirt, moisture, contaminants like grease, oil, wax, moss, mould, dust or loose material. New concrete surfaces should be allowed to cure 4 – 6 weeks. All cracks and damaged areas should be repaired. Smooth troweled concrete must be acid etched to ensure proper adhesion. Wash surface thoroughly after acid etching to remove all traces of acid. Allow complete drying for 3-4 days. Apply two coats of APCO RapidPave, thinning the first coat by 10% with Mineral Turps. Previously painted surface shall be subjected to thorough removal of loose & flaking paint. Oil, grease & other contaminants shall be removed by cleaning with mild detergent solutions and rinsed well with clean water. After preparation, touch up bare areas with APCO RapidPave paving paint and allow to dry before following with two full coats. When applying over an unknown coating, please test the adhesion & compatibility of this product over a small test area.

Note: If when rinsing the surface, the water beads on any area of the surface, then the surface has contamination and therefore the paint coating could lose adhesion.

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Application

Stir contents thoroughly using a flat stirrer before and during use. Apply uniformly direct from the container. Apply one coat evenly by brush, roller or spray, after proper surface preparation. Avoid over-brushing and over-rolling. If spraying, thin up to 10% with thinner. Allow to dry for at least 2 hours before application of additional coats.

When applying over an unknown coating, please test the adhesion & compatibility of this product over a small test area.

Important Note on Driveways and Garage Floors: Hot Tyre Pick Up

Hot tyre pick up is a common problem with painted driveways and garage floors. Although the coating dries quickly, and can be walked on in a few hours, the coating needs to cure before allowing traffic onto the surface. Depending on the weather conditions, allow the paint to cure for at least 1 week before parking on the surface. Even then, if the vehicle has been driven a distance, and the tyres hot, park the vehicle on the roadway and allow 10 - 20 minutes for the tyres to cool, before parking on the painted surface.

Coating Maintenance

Washing the painted surface periodically will maintain the look of a newly painted surface longer. Clean the surface with a diluted mild detergent and rinse well with clean water.

Do not use scouring pads, abrasive brushes, high pressure washing or solvent to clean the painted surface. These will damage the paint film and cause premature failure of the coating.

Mixing and Colour Check

Mix the paint thoroughly before application 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 2 hours 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

- Highly flammable, Dangerous Goods Class 3.2, Flash Point 32⁰ C, UN 1263, PG III
- Keep away from heat and flame, eliminate any source of ignition.
- Soak all used cloths and rags immediately in water to prevent self-ignition.
- Ensure container is upright with lid secure.
- Ensure the container is secured in the vehicle for transport.

Environmental

- Do not wash coating equipment and allow waste to enter drains and water ways.
- Do not dispose of unwanted coating and thinners that will enter drains and water ways.
- Refer to state EPA web site for disposal details.

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Safety & Precautions

- Do not apply when surface temperature is below 10⁰ C or over 35⁰ C
- Do not apply in environments of high humidity/moisture, or if pending rain is a possibility.
- Apply in calm fine weather conditions and only during daylight hours.
- Cease painting 2 hours before sunset or 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.

First Aid

- If swallowed, do not induce vomiting. Give plenty of water to drink. Contact a doctor or the Poisons Information Centre. Phone 131126 (Australia).
- If in eyes, hold eyes open and flood with water for at least 15 minutes. Seek medical attention if any irritation persists.
- If on Skin, remove contaminated clothing, wash skin thoroughly with soap and water. Do not use solvents.
- If affected by inhalation, remove person to fresh air. If breathing difficulties persist or occur later, contact a medical doctor

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