



Product Specification

PORTER'S AQUA SATIN ENAMEL

PRODUCT DESCRIPTION:

Porter's Aqua Satin Enamel is a water-based acrylic enamel that dries to a hard-wearing finish, providing the benefits of an oil-based enamel with none of the drawbacks.

Self-levelling (to minimise brush marks), non-yellowing, tough-wearing, long-lasting with excellent gloss retention, easy to apply, low odour, fast drying with easy re-coat.

Excellent for exterior woodwork and trim areas, as its high UV resistance ensures durability and longevity in a range of temperatures and climatic conditions. Porter's Aqua Satin Enamel resists peeling and flaking and is fully washable.

Aqua Satin Enamel contains Deep Colour Protect (DCP), marking and marring technology.

Due to the very low sheen specification for a satin product (15-20) Aqua Satin Enamel is not only the perfect choice for doors & trim work, but also for broadwall areas where dark or bright colours are chosen.

MARRING:

Marring appears as white or light streaks which appear on bright or dark coloured paints when they are rubbed, touched or cleaned.

How Porter's DCP work? Rather than using a synthetic crystallised flattening agent or filling agent to lower the sheen level, Porter's uses first of its kind technology that lowers the sheen level while remaining smooth enough to not crystallise on the surface when rubbed.

This makes it perfect not only for doors and trim, but also for any high traffic broad wall areas where dark colours are required.



Left: This door shows typical marring. Right: Same door, repainted with Porter's Aqua Satin, and back in use.

LOCATION:

Interior and exterior. Ideal for doors, architraves, windows and trim.

Our DCP technology in Porter's Aqua Satin Enamel makes it an excellent choice for any high-traffic broad wall areas where dark colours are required.

ENVIRONMENTAL INFORMATION:

Porter's Aqua Satin Enamel contains: <49g/L VOCs untinted (Volatile Organic Compounds contribute to atmospheric pollution).

The following descriptors have been adopted by APAS (Australian Paint Approval Scheme):

Very High	>250 g/L
High	100 – 249 g/L
Moderate	50 – 99 g/L
Low	5 – 49 g/L
Very Low	<5 g/L

Porter's Aqua Satin Enamel product is classified as Low VOC* by the Australian Paint Approval Scheme.

* Red base is Low VOC.

Porter's Paints use only premium-grade raw materials, and wherever possible, we buy from Australian suppliers. Our manufacturing processes are designed for maximum performance with minimum impact on the environment and user health.

SUGGESTED APPLICATIONS:

Can be applied to most suitably prepared plasterboard, plaster, metal, wood, masonry and previously painted surfaces.

COLOURS:

Choose from our large range of colours or ask our colourist for your own custom colour.

LIMITATIONS:

Do not apply in high humidity, below 10°C or above 30°C.

PREPARATION:

NEW/UNPAINTED SUBSTRATES:

Substrate should be a clean, well-held surface free from loose material, dirt, grease, oil and mould. Dust down before proceeding.

On new unpainted timber, sand smooth and dust down, and apply 1 or 2 coats Porter's Prepare & Prime. Allow 2 hours dry time before overcoating.

On new unpainted plasterboard sheeting spot prime all joints then apply by brush, roller or spray 1 or 2 coats Porter's Prepare & Prime. Allow 2 hours dry time before overcoating.

On new unpainted fresh set plaster do not proceed until plaster has thoroughly set and has dried completely. Firstly, apply 1 coat Porter's Mineral Silicate Primer by brush or roller. Touch dry 20 minutes. Allow 2 hours dry time. Then apply by brush, roller or spray 1 coat Porter's Prepare & Prime. Allow 2 hours dry time before recoating or overcoating with top coat.

On bare masonry surfaces such as, render or brick, spot prime all repaired areas with Porter's Limeproof Undercoat Sealer, then apply 1 coat of same to entire area by brush, medium nap roller or spray. Touch dry in 1 hour. Allow 6 hours dry time before recoating or over-coating.

On bare metal surfaces use Porter's Universal Primer. Suitable for use as a metal primer, including galvanized iron, wrought iron, steel, aluminum, stainless steel, copper and brass. Universal Primer contains anti-corrosive pigments to inhibit rust and corrosion and a resin that delivers the extra adhesion required for metallic substrates. Please read the Universal Primer specification prior to use. Apply 1 or 2 coats. Touch dry in 20 minutes. Allow a minimum 2 hours dry time between coats and 24 hours dry time before overcoating.

PREVIOUSLY PAINTED SUBSTRATES:

When painting over a water-based acrylic paint, provided the surface is clean, sound and sanded to remove gloss, Porter's Aqua Satin Enamel is self-priming and can be applied direct.

All varnishes, polyurethanes or surfaces previously painted with oil-based enamel paint should be thoroughly sanded to remove gloss and to create a "keyed" surface. Loose, peeling or flaking paint must be made sound by scraping off loose paint. Fill nail holes and cracks with suitable filler, sand and dust off. Spot prime all joints and repaired areas with either Porter's Prepare & Prime, then apply one coat of same to entire area. Allow 2 hours dry time before recoating or overcoating with top coat.

APPLICATION:

Stir thoroughly prior to use. Apply two coats by brush, short nap roller or spray (fine finish spray tip*).

Touch dry in 1 hour. Allow minimum 2 hours dry time between coats.

Allow 8 hours dry time. Full paint hardness is achieved after 7 days, depending upon conditions.

*Recommendations:

HVLP Spray Tip no. 3

Wagner®: F230 Aircoat (211 for architraves and trim and 411 for doors), pressure 1100 PSI.

Graco®: Air assisted airless (210 for architraves and trim, 410 for doors), pressure 1100PSI.

COVERAGE RATES:

Covers approximately 12-14m² per litre, depending upon porosity, surface texture and wastage rates.

WASH UP:

Water.

COMPLEMENTARY PRODUCTS:

Porter's Prepare & Prime (coverage 12-14m² per litre).

Porter's Limeproof Undercoat Sealer (12m² per litre).

Porter's Universal Primer (coverage 10-12m² per litre).

Mineral Silicate Primer (coverage 10m² per litre) is recommended for priming new set plaster before undercoating.

PACKAGING:

Porter's Aqua Satin Enamel is available in 1 litre & 4 litre sizes.

Standard base, Clear base and Black base also available in 10 litres.

STORAGE:

Store in a cool dry area, protected from frost.

PRECAUTIONS:

Keep out of reach of children. Avoid swallowing. Avoid eye contact. Avoid prolonged skin contact. Provide adequate ventilation. If accidental contact occurs, rinse immediately with water. Check colour before use.

GUARANTEES & WARRANTIES:

CONSUMER GUARANTEE:

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Porter's Paints Aqua Satin Enamel is guaranteed against peeling, flaking and blistering on external applications for 15 years if applied according to the specified instructions. This guarantee applies to residential work only and does not cover paint failure caused by any breakdown of coatings applied previously, where Porter's Paints Mineral Paint is applied over coatings not specified by Porter's Paints or in the event of substrate failure.

COMMERCIAL WARRANTY:

On a case-by-case basis, we can arrange a commercial warranty for licensed trade painters and builders. To make an application for a warranty, contact your Porter's Business Development Manager or Dulux Representative. The benefits of this warranty are in addition to other rights and remedies under any applicable law.

POST INSTALLATION MAINTENANCE SCHEDULE:

In general, the maintenance schedule for Porter's Aqua Enamel range is as follows:

1.

External: Use a low-pressure water wash or soft bristle brush with a mild detergent to remove surface dirt, dust and any other contaminants.

Internal: Use a microfibre cloth or sponge with a mild detergent to remove surface dirt, dust and any other contaminants.

2.

External only: Persistent stains should be gently removed with a soft bristle brush or broom (external) and a low-pressure water wash with a mild detergent.

3.

Examine the surface for wear and tear or any damage. If damaged areas are evident, then sand or remove the affected area and spot prime the surface with Porter's Universal Primer or Prepare and Prime (or the appropriate primer for the substrate). Allow 12 hours for primer to cure.

4.

Apply one coat of Aqua Enamel to the affected area with a similar technique to the original (roller, brush or spray). If there is an age difference between the original Aqua Enamel and the newly applied area, then apply one coat of Aqua Enamel to the entire cleaned surface to conceal inconsistencies.

MANUFACTURER'S/DISTRIBUTOR'S DETAILS:

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