

# Epicuro Hydrophobic Protection

Permanent protection for pavements, façades & concrete structures

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## PRODUCT DESCRIPTION

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**Epicuro Hydrophobic Protection** is an invisible but breathable protective barrier that repels water, and other surface contaminants, extending the life of your surface or structure. Suitable for porous surfaces, including brick, concrete, natural & artificial stone.

**Epicuro Hydrophobic Protection** prevents deterioration caused by frost attack, acid rain and contaminants such as salts, oils, and fuels.

**Epicuro Hydrophobic Protection** ensures water, oil, grime, graffiti, bird droppings, chewing gum and algae cannot penetrate the surface and sit on top of a protective barrier.

This means that even basic cleaning operations will remove otherwise tough or problematic stains saving time, money and reducing disturbance.

**Epicuro Hydrophobic Protection** is quick and easy to apply and provides an extremely hard-wearing protective solution, suitable for areas which experience heavy footfall and contamination (e.g. stadiums, parks & railway stations).

**Epicuro Hydrophobic Protection** does not chemically alter or combine with the substrate. It achieves excellent adhesion, does not adversely affect slip-resistance, and helps prevent the growth of moss and lichen that cause slippery wet surfaces.

**Epicuro Hydrophobic Protection** is a permanent, colourless, non-film-forming treatment that keeps the surface permeable to air and water vapour. It is UV-resistant and does not discolour with age.

**Epicuro Hydrophobic Protection** is a unique 0.0% VOC, 'ready-to-use', high performance protective treatment that is safe to use, environmentally friendly and water-borne (non-toxic, solvent and silicone-free).

A surface treated with **Epicuro Hydrophobic Protection** will stay cleaner, benefit from an increased lifespan and be easier to maintain.

We recommend using Epicuro cleaning products to remove difficult stains (e.g., oil, diesel, fuel & organic/fruit stains) before application.

*Epicuro CL05-eco & Epicuro Surface Reviver deliver powerful cleaning performance for all porous surfaces.*

Visit [www.epicuro.co.uk](http://www.epicuro.co.uk) to find out more.

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## ADVANTAGES & CHARACTERISTICS

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- Easy to use, apply by spray, brush, or roller straight from the container.
- Applicable to vertical and horizontal surfaces.
- Prevents penetration of water and oily liquids keeping surfaces clean & dry.
- Prevents freeze-thaw deterioration.
- Resists carbonation by surface repellence.
- Non-film-forming treatment that allows treated surfaces to breathe.
- Does not adversely affect slip resistance.
- Limits moss and lichen recurrence.
- Invisible Anti-Graffiti and Anti-Stain protection.
- Allows for easier removal of chewing gum.
- UV-resistant, doesn't discolour treated surface.
- Water-borne product, non-hazardous & non-toxic.
- Solvent and silicone-free. Non-flammable product.
- Environmentally friendly, unique 0.0% VOC product.
- 95%+ biodegradable according to OECD standards.

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**FIND OUT MORE ABOUT EPICURO AT [WWW.EPICURO.CO.UK](http://WWW.EPICURO.CO.UK)**

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## TECHNICAL DATA

Physical state at 20°C	: Liquid
Colour	: Colourless
Odour	: None
pH	: 8±0.5
Boiling Point [°C]	: 100 °C
Density	: 1.0 Kg/l
Solubility in water [vol/vol]	: Fully soluble
Flashpoint [°C]	: N/A
VOC	: 0.0% g/l

## CONSUMPTION

Consumption depends on the porosity of the substrate. The value below is given only as an indication:

**Concrete 0.200 l/m<sup>2</sup> (5m<sup>2</sup>/l)**

## INSTRUCTIONS FOR USE

- Ensure the surface to be treated is clean, dust-free and touch dry before applying the product.
- Remove all atmospheric pollution-related dirt from all surfaces to be treated before starting the treatment. Jet wash if necessary, but allow the surface to dry completely before application.
- Apply only when the surface temperature is in the range +5°C - +30°C.
- Do not apply if rain is expected within 4 hours.
- Use directly from the container, shaking well before use. Do not dilute.
- The treated surface should be impregnation to saturation point. Apply 1-2 coatings uniformly with a brush, roller, or low-pressure spray equipment, keeping the surface saturated for 10 mins in between coats.
- On vertical surfaces apply from the bottom up.
- Drying time: 1-2 hours (subject to ambient temperature). Full resistance will develop over 5-7 days following application.

## CLEANING OF EQUIPMENT

Clean tools and equipment with water immediately after use.

## RECOMMENDATIONS

Repair cracks and other defects prior to application, using appropriate products.

Only treat surfaces which have been cleaned of any atmospheric pollution.

## PERFORMANCE

Guaranteed for 15 years (Approved Applicator Applied). 5 years in high foot-traffic areas.

## STORAGE

Store away from frost and heat in a dry place: temperature between 5 °C and 30 °C.

## SHELF LIFE

Provided the container is kept closed whilst not in use and kept within the recommended storage temperature: storage life 12 months.

## CHEMICAL PROPERTIES

Aqueous fluoropolymer dispersion.

## PACKAGING

20 and 1,000 Litre IBC containers.

## HEALTH & SAFETY

Always refer to product MSDS prior to use to ensure appropriate PPE is used.

- **Respiratory protection:** Under normal conditions of use, where adequate ventilation is available, no special respiratory protection is needed.
- **Hand protection:** Wear rubber gloves.
- **Skin protection:** No special clothing or skin protection is recommended under normal conditions of use.
- **Eye protection:** If there is a risk of splashing, wear protective goggles.
- **In the event of ingestion:** do not induce vomiting. Contact a doctor or a specialist.

**KEEP OUT OF THE REACH OF CHILDREN**

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## APPROVED APPLICATOR SCHEME

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Approved Applicator training in product 'technology and application' is provided by Epicuro Protective Materials Ltd.

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## TECHNICAL ASSISTANCE

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Epicuro Protective Materials Ltd

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**Important:** The content of this documentation is based on our experience of the product. Epicuro Protective Materials Ltd guarantees the quality of its products, but expressly declines any liability in the event of failure by the user to comply with the recommendations and conditions of use of said products, notably but not exclusively in the event of incorrect application, application by unqualified personnel, use of products not compatible with Epicuro's products or bad weather conditions. For further information, refer to the safety data sheet.

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