

Product Description

ECOCLEAN Anti-Odour Coating is a highly transparent water based, single component, internal photocatalyst coating that utilises light to perform deodourising, mould resistance, and anti-bacterial and antiviral functionality. (Previously known as ecotio₂[®] Sealer E10 / ecotio₂[®] Ultra U.)

ECOCLEAN Anti-Odour Coating works in interior light such as LEDs and fluorescent tubes, as it contains doped nano-titanium dioxide that is activated at lower energy levels than external photocatalysts.

Intended Uses

Specially formulated for a wide range of internal surfaces including walls, ceilings, and other surfaces to improve the internal air quality (IAQ) and break down organic growth, bacteria, and viruses.

Used as part of a coating system, ECOCLEAN Anti-Odour Coating has multiple benefits on the following asset types; (1) Government and Council assets, (2) Schools, Universities and Childcare, (3) Aged Care and Retirement Living (4), Restaurants, Cafes and Food Courts, (5) Food Processing and Production (6) Clubs and Pubs, (7) Commercial Buildings and Strata Living, (8) Hotels and Resorts, (9) Retail, Cinemas, Gyms, Museums and Entertainment venues, (10) Correctional Centres and (11) Hospitals and Medical Centres.

(NOTE: a suitable ECOCLEAN sealer should be applied prior to ECOCLEAN Anti-Odour Coating to prepare the surface for application and to ensure the ECOCLEAN Anti-Odour Coating is not absorbed into porous surfaces. Generally these sealers will be either ECOCLEAN Porosity Sealer or ECOCLEAN Barrier Coating.)

The use of an ECOCLEAN coating increases the life of the asset, keeping the interior looking better for longer and reduces the life cycle by extending the time before major maintenance and greatly enhances the internal environment.

Practical Information

Product Code	C038U
Colour	Transparent when dry
Gloss	Not applicable
Theoretical Coverage	30-40 g/m ² (*Note: Allow appropriate loss factors -see below)
Method of Application	HVLP spray equipment (recommended)
Flash Point (Typical)	Not applicable
VOC	<1 g/l
Density	1.03 kg/m ³

Drying Time		Overcoating interval with self	
Temperature	Touch Dry	Minimum	Maximum
20°C (68°F)	10 mins	20 mins**	12 hours

*Practical coverage will vary as loss factors are dependent on many influences including application conditions, porosity of substrate, application method and parameters, skill of applicator etc. **See application guide.

Surface Preparation

ECOCLEAN Anti-Odour Coating is a topcoat and is used in a 2-part system. Please refer to surface preparation details of the undercoat/sealer as the undercoat selection is dependant on the substrate and end use. Surface must be thoroughly dried prior to application.

Application

Spray Equipment

HVLP spray equipment with fine tip preferred for minimising loss factors. Tip size between 0.3mm to 0.5mm.

Do NOT thin. Airless spray equipment (with small tip size) can be used, but the loss factors will generally be higher. Care should be taken not to apply a too heavy coat in a single pass to stop runs and overbuild. Allow to dry between coats.

Work Stoppages

Do not allow material to remain in hoses, guns or spray equipment for extended periods. Thoroughly flush all equipment with clean water.

Clean Up

Clean all equipment immediately after use with clean water. Use clean water only. It is good working practice to periodically flush out spray equipment. All surplus materials and empty containers should be disposed of in accordance with appropriate regional regulations/legislation.

Product Characteristics

This technical datasheet provides general guidance on the use of ECOCLEAN Anti-Odour Coating. Specific project requirements will be dependent upon the substrate type, substrate condition, service end use and environmental conditions. Always consult ECOCLEAN to confirm that ECOCLEAN Anti-Odour Coating is suitable for the intended end use.

Storage

Products should be stored in their sealed containers until use. When products are on site store in a cool place in the shade.

Store excess products in an air-conditioned environment regulated between 5-25°C. Do not return excess products to container, measure out what you require and dispense only what is required for the job at hand. Do not freeze or refrigerate below 5°C.

Systems Compatibility

Compatible products for ECOCLEAN Anti-Odour Coating:

- ECOCLEAN Porosity Sealer
- ECOCLEAN Barrier Coating

Please refer to specific TDS for more information of the above product or contact ECOCLEAN for more information.

Safety Precautions

This product is intended for use only by professional applicators in industrial situations in accordance with the advice given on this sheet, the Safety Data Sheet and the container(s) and should not be used without reference to the Safety Data Sheet (SDS) which are available on request. Ensure you contact our ECOCLEAN team if you require any information before starting application.

Additional Information

Shelf Life: 12 months when stored in dark or low light conditions between 5-25°C (ideally this product should be stored in an air-conditioned environment).

Pack Size: 10 kg pack	Shipping Weight (typical): 10.95 kg
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Further information regarding industry standards, terms and abbreviations used in this data sheet can be found in the following documents available on request:

- ECOCLEAN Anti-Odour Coating Safety Data Sheet

The information on this data sheet is not exhaustive, please contact us for more information. All products supplied and technical advice given are subject to our Conditions of Sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous improvement. It is the user's responsibility to check that this data sheet is current prior to using the product. ECOCLEAN and all products mentioned in this publication are registered trademarks.