

Product Description

ECOCLEAN Concrete Sealer is a high-performance inorganic porosity sealer providing concrete with anti-graffiti properties (for smooth off form concrete only) and protection from water ingress. (Previously known as ecotio₂[®] Sealer AG).

Intended Uses

It is specifically designed for use on high end commercial and residential, transportation infrastructure and iconic assets where superior appearance and reduced maintenance costs are important. Suitable substrates include off-form concrete, brickwork, stone, and masonry.

ECOCLEAN Concrete Sealer protects the surface by sealing the pores and imparting graffiti resistance for smooth off form concrete (in accordance with the APAS1441 appendix A), while having minimal impact on the appearance and gloss level.

Practical Information

Product Code	S028AG
Colour	Milky white liquid (almost clear when dry)
Gloss	Minimal change in gloss level
Theoretical Coverage	7-20m ² /litre (depending on the substrate)
Practical Coverage	Application and substrate dependant*
Method of Application	HVLP spray equipment (recommended)
Density	1.07 kg/m ³

Drying Time		Overcoating interval with self	
Temperature	Touch Dry	Minimum	Maximum
20°C (68°F)	10 mins	20 mins**	2 days

*Allow for appropriate loss factors for practical coverage. Loss factors are dependent on many influences including weather conditions, porosity of the substrate, application method and parameters, skill of applicator etc. **See application guide as the above are guidelines, but times can vary depending on application conditions and substrate. The key point is that the surface is touch dry and absorbed.

Regulatory Data

Flash Point (Typical)	Not applicable
VOC	<5 g/lit

Surface Preparation

Rub surface with a masonry block or scrape with a 15-20cm floor scraper to remove any mortar fins or protrusions. Remove loose foreign matter from block by brooming with stiff bristle broom or low-pressure power washing. Prior to application ensure surface is dry and free from all contaminants including, but not limited to:

- loose materials (such as dirt, dust etc), oils, grease, silicones, chemicals including acids and alkalis, rust and rust staining, cement slurry runs, mineral salts (such as lime), mould, fungus and bird droppings.

If substrate requires removal of contaminants, then a suitable surface cleaner should be used such as ECOTONE Concrete Surface Cleaner or similar.

Application

Spray Equipment

Brush is not recommended, use for small areas only. HVLP spray equipment with fine tip preferred for minimising loss factors. Tip size between 0.8mm to 1.2mm as viscosity of products is that of water. Airless spray equipment can be used for faster application; however, 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. Avoid spraying in high wind or on rain effected wet surfaces or when rain is expected within 6 hours. Product can also be applied by roller depending on substrate and design.

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 Concrete Sealer. 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 Concrete Sealer is suitable for the intended end use.

Storage

Products should be stored at below 25°C in their sealed containers until use. When products are on site store in a cool place and in the shade. 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.

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): 11.25kg

Further information regarding industry standards, terms and abbreviations used in this data sheet can be found in the following documents available on request:

- ECOCLEAN Concrete Sealer Safety Data Sheet
- Application Guide – Sealing External Buildings

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