
Ecoflor® EcoSeal – Clear Coat Protectant . Issued: August 2023

INTRODUCTION

Ecoflor® ECOSEAL is a single component water-based penetrating sealer, which dries quickly to a clear micro-coating that will not alter the structure or underlying appearance of Ecoflor® MicroConcrete surfaces. EcoSeal is a unique hybrid technology used to improve stain resistance, wear resistance, hardness and scratch resistances of Ecoflor® MicroConcrete surfaces. EcoSeal is formulated using unique technology that will not lift or peel from the surface.

Use

Ecoflor® ECOSEAL is designed for Ecoflor® MicroConcrete vertical applications such as walls and pillars. Protecting surfaces that need little maintenance over years of use. Ecoflor® ECOSEAL is non-toxic, non-hazardous, and VOC compliant. Ecoflor® ECOSEAL is used to enhance the appearance and longevity of Ecoflor® MicroConcrete surfaces while providing clarity and stain resistance, leaving a natural appearance and feel.

Features

- Hardens and prolongs wear of micro concrete surfaces
- Provides maximum abrasion and stain resistance
- Non-Toxic and safe to use
- Complete the sealing process in one day
- Easy application
- Will not alter the profile of micro concrete surfaces
- Leaves a protective microfilm that is breathable and hard wearing
- Low VOCs

Physical Properties:

Form:	Thin Liquid
Colour:	White/ Dries clear
Solubility:	Mixes with water
Density:	1.07 – 1.17
Related Vapour Density (air=1)	<1
Vapour Pressure (20 °C)	60mm Hg @ 37.7 oC
Melting Point/Range (°C)	0
Boiling Point/Range (°C)	100
Viscosity:	7000 cPs

Clean up:

Water should be used to clean tools and equipment. Do not pour into sewer systems or storm drains. Extra Materials should be used up, dried out, and disposed of according to local regulations.

Maintenance:

Read Ecoflor® MicroConcrete Maintenance & Aftercare instructions.
Customer Care: 1300 326 356
Visit: www.ecoflor.com.au for technical support

Estimated Coverage:

*Coverage rates will vary depending on the porosity of micro concrete surfaces. Following application instructions, 1 Litre typically treats 7.5m² per coat of Ecoflor® MicroConcrete surfaces depending on porosity.

Health and Safety Information:

Ecoflor® ECOSEAL is formulated using environmentally safe non-hazardous materials. Keep out of reach of children. Do not drink. If swallowed, drink water and call emergency services if needed, do not induce vomiting. If material is splashed into the eyes, flush with fresh water. Wear goggles and wear gloves. Ecoflor® ECOSEAL dried on the skin will dry skin, wash hands with soap and water.

Tel: 1300 326 356

Email: Info@ecoflor.com.au

Address: 26 Progress Drive, Carrum Downs Victoria, 3201

Technical Data Sheet

Packaging Available:

1L Jerry can
2.5L Jerry can
4L Jerry can

Application:

Optimum application and curing temperature between 21°C - 35°C. Colder temperatures will slow the curing process considerably. An inconspicuous test area is recommended.

Each seal application is to be completed as follows:

EcoSeal applications: 2 coats

Seal Coat 1: Apply using a microfibre roller, apply the EcoSeal onto the surface and spread out thin and evenly. Then, using a microfibre pad, rub into the surface in a circular motion. Avoid leaving streak marks.

Allow to dry and cure for 1 hour.

Seal Coat 2: Repeat the process again. The sealing application is now complete!

Environment

Allow the surfaces to cure in a warm environment 21°C or higher for 2 days before use. A cold environment will delay the curing process considerably. EcoSeal will benefit from warm micro concrete conditions after the finish has been applied. Ideal temperatures for sealer application are between (21°-35°C). Temperatures below this, will slow down evaporation and the cure time of the sealer. It's important that the moisture from Seal Coat application dries out between applications. Until the water that's in the freshly applied sealer has evaporated, the sealer won't begin to fully crosslink (cure).

Ecoflor® ECOSEAL qualities and performance improve with time. Initial protection may be limited, and wet spills should be cleaned promptly. The sealer will become more liquid and stain resistant over time, a few weeks or more, as the system reacts with the micro concrete.

Field Support

Field support where provided, does not constitute supervisory responsibility. Suggestions made by Ecoflor® either verbally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they and not Ecoflor® are responsible for carrying out procedures appropriate to a specific application.

Disclaimer

Ecoflor® products should be used in accordance with the information contained here. Each user should read and consider this information carefully in the context of how the products will be handled and used in the workplace including in conjunction with other products. While the information contained here is to the best of our knowledge at the date of publication, Ecoflor® makes no representation about the accuracy of the information. If you need clarification or more information, you should contact Ecoflor® directly. Ecoflor® products are sold without express or implied warranties other than as provided by statute, and subject to our standard terms and conditions (provided to customers and available on request). Subject to our standard terms and conditions and any statutory provisions, Ecoflor® accepts no responsibility (including in negligence) for loss or damage of any nature resulting from the use of Ecoflor® products or reliance upon the information contained here.

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