

Technical Data Sheet

Emer-Proof Ecoflex

High performance water based rubberised waterproofing membrane

USES

- Waterproofing of:
 - Retaining walls
 - Planter boxes
 - Basement walls
 - Garden beds
- Waterproofing/damp proof sandwich membrane
- Repairing fine cracks and crazing of asphalt surfaces
- Keyjoints and dowel bars
- Patch and repair of old bitumen membranes
- Adhesive for polystyrene protection boards

ADVANTAGES

- Fast drying
- Durable and tough
- Ready to use – no priming required on most substrates
- Adheres to most building substrates
- UV resistant (up to 18 months exposed)
- Non-toxic
- Solvent free and non-flammable
- Prevents ingress of radon and other harmful gases

DESCRIPTION

Emer-Proof Ecoflex is a high performance single component water based rubberised waterproofing membrane. Developed for the Residential & Commercial construction industry. It is solvent free, non-flammable, and forms a highly flexible monolithic waterproofing membrane.

TECHNICAL SUPPORT

Parchem offers a comprehensive range of high performance, high quality concrete repair and construction products. In addition, Parchem offers a technical support package to specifies, end-users and contractors, as well as on-site technical assistance.

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PROPERTIES:

Solids:	68%
Colour:	Black
Tensile strength:	68 psi
Hydrostatic resistance ASTM D-751:	Passed
Elongation:	1050%

COVERAGE

Emer-Proof Ecoflex should be applied in 2-3 coats and have a dry film thickness of 1.0-1.2 mm. Coverage will vary depending on the porosity and condition of substrate.

Approximate coverage: 1.5 - 2 m² / L / coat.

MAINTENANCE

No special requirements, any damage identified during normal inspections should be repaired or replaced as appropriate.

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

All Surfaces to be coated are to be clean, sound and dry, free of mould release agents, bond breaking coatings, curing compounds, sharp protruding surfaces, loose material, de-bonded coatings, wax residues, algae and moss, grime, oils, animal fats, or grease remains or any other contamination that may affect the membrane.

Concrete surfaces should be smooth, any imperfections, pinholes etc, to be filled and surface made smooth. Contact your local Parchem branch for suitable concrete repair product from our extensive range.

Concrete must be cured for 28 days; sand / cement screeds need to be cured for 7 days.

Emer-Proof

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PRIMING

Emer-Proof Ecoflex excellent adhesion means there is no need for a primer, however if the surface is porous and dusty the product may be watered down 25% and applied as a primer and allowed to dry prior to applying the Emer-Proof Ecoflex.

APPLICATION

Emer-Proof Ecoflex comes ready to use with no mixing required, and may be applied with a standard airless sprayer, roller (8 mm to 12 mm nap) or brush. Its smooth texture and non-sag formulation make it suitable for vertical and horizontal application.

Emer-Proof Ecoflex is laid onto the surface continually in one direction; it should not be brushed out. Brooms, brushes etc should be regularly washed during the operation and at any breaks as follows:

- Keep available a container filled with sufficient strong detergent/water salutation to fully cover the broom or brush.
- Soak the brush in the solution and shake out before use.
- As work progresses, rinse the brush at frequent intervals to prevent it clogging, and again shake out before resuming.
- During any breaks in work the brushes should be left to soak in this solution.

RECOATING

Emer-Proof Ecoflex may be recoated between 12 and 36 hours after previous coat has allowed to dry. Shorter times may be acceptable in good drying times.

Emer-Proof Ecoflex is normally totally dry in 24 hours at 25°C /50% RH but can take up to 72 hours at 10°C/ 50% RH. Drying times will vary depending on temperature, humidity, condition and porosity of substrate.

PROTECTION

Where the membrane is to be back filled, such as with basement applications, Emer-Proof Ecoflex should be protected from mechanical damage with the Tema Tefond drainage/protection system also available from Parchem.

CLEANING

Splashes of Emer-Proof Ecoflex on paintwork etc should be wiped off immediately using a cloth dampened with a strong detergent solution. Brushes and brooms etc. should be soaked in a strong detergent solution immediately after application has finished. Hands and skin may be cleaned using a proprietary waterless hand cleaner, but prevention of soiling is a better practice and wear gloves and overalls.

Where Emer-Proof Ecoflex has been allowed to dry on equipment or surfaces it may be removed using organic solvents such as Parchem Solvent, mineral turps or white spirits.

LIMITATIONS

Emer-Proof Ecoflex is not recommended for continuous water immersion or as a membrane on internal walls subject to back pressure.

Emer-Proof Ecoflex has not been designed as an exposed wearing course membrane. Emer-Proof Ecoflex must be covered and cannot be exposed to UV on a permanent basis.

IMPORTANT NOTICE

A Material Safety Data Sheet (MSDS) and Technical Data Sheet (TDS) are available from the Parchem website or upon request from the nearest Parchem sales office. Read the MSDS and TDS carefully prior to use as application or performance data may change from time to time. In emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice.

PRODUCT DISCLAIMER

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Parchem does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.

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