

Solvent free aliphatic polyurethane clear sealer

### Uses

Sealing over Emer-Proof Top Coat UV Protect membrane coating to improve stain resistance, durability and weathering properties

### Advantages

- Low VOC
- Compatible over Emer-Proof Top Coat UV Protect
- Excellent resistance to UV degradation and carbonation
- Solvent free, non flammable and free of hazardous odours
- Excellent chemical and water resistance
- Clear non-yellowing finish (Initial semi-gloss finish will form after application. This will diminish after 10-14 days to a matt finish)

### Description

Emer-Proof Top Coat Extended Wear is a solvent free aliphatic polyurethane sealer designed for use over Emer-Proof Top Coat UV Protect to improve stain resistance and scuff marks associated with pedestrian foot traffic. Emer-Proof Top Coat Extended Wear exhibits excellent UV resistance and durability.

Emer-Proof Top Coat Extended Wear exhibits an Initial semi-gloss finish which will form after application. This will diminish after 10-14 days to a matt finish.

### Technical Support

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

### Specification Clause

Where so designated on the drawings, a low VOC, solvent free, aliphatic, clear polyurethane wear coat is to be applied as a sealer over Emer-Proof Top Coat UV Protect. The sealer is to be Emer-Proof Top Coat Extended Wear and is to be applied in accordance with the current Technical data sheet.

### Design Criteria

Emer-Proof Top Coat Extended Wear is designed to offer improved performance properties to Emer-Proof Top Coat UV Protect in exposed applications. The Emer-Proof Top Coat Extended Wear is to be applied by a 6mm mohair roller or brush in 2 applications at a coverage of 8 m<sup>2</sup> per litre per coat.

### Properties

Data quoted is typical for this product, but does not constitute a specification.

#### Wet form

<b>Specific gravity of mixed product:</b>	1.02kg/litre
<b>Solids content:</b>	28%
<b>pH:</b>	7.5-8.5
<b>Appearance:</b>	milky white in wet state; dries clear
<b>Water soluble:</b>	100% soluble in a wet state (uncured)
<b>Flammability:</b>	Nil
<b>Hardness (ASTM D3346):</b>	>H (after 7 days)
<b>Scrub ability (ASTM D2486):</b>	> 20,000 times
<b>Adhesion (ASTM D3359):</b>	Grade 1
<b>Weather resistance (ASTM G23):</b>	>800 hours

### Application Instructions

#### Surface preparation

Surfaces must be clean, sound, stable and free of: loose foreign material; existing foreign coatings; laitance; release agents; curing compounds and oil/grease residues.

#### Mixing

Emer-Proof Extended Wear Clear Coat should be lightly stirred before using.

#### Application

Emer-Proof Top Coat Extended is applied to the cured Emer-Proof Top Coat UV Protect by way of 6mm mohair roller sleeve or brush, in 'thin' coating applications.

Application of 2 coats is recommended, dependant on likelihood and degree of potential stains and marks.

#### Maintenance

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

# Emer-Proof® Top Coat Extended Wear

## Limitations

- This product must be applied in 'thin' application coats.
- Not recommended over sand stone, limestone and similar surfaces.
- Do not apply coating when rain is forecast within the curing times.
- Not to be used for applications in immersed areas.
- Not to be used over wax residues, glass, fibreglass, chlorinated rubber, or epoxy coatings.
- Floor areas should have adequate falls.
- Base membrane must be thoroughly dry prior to Emer-Proof Top Coat Extended Wear being applied.
- The Emer-Proof Top Coat UV Protect should be left to dry for a minimum of 48 hours @ 23°C before the application of Emer-Proof Top Coat Extended Wear takes place.

## Cleaning

Water cleanup while in a wet state. Once dried removal by Solvent 10 or mechanical means.

## Drying times

Tack free/re-coat time: 2-4 hours (will vary with surface porosity and temperatures experienced at time of application).

Dry film: 8-12 hours; foot traffic – 24 hours: based on normal ambient conditions of 23°C.

Allow a minimum further 24 hours of drying time @ 10°C.

## Please Note:

Application of all liquid applied membranes and primers should always refer to the surface temperature conditions before commencing and not just ambient temperatures. (There are limitations to how hot/cold the surface temperature can be, when applying liquid based membrane or primer).

For example: ambient temperatures may be 10°C but the substrate could be 0°C and have frost issues. The same applies with higher temperatures: ambient temperature may be 26°C but have a substrate temperature of 36°C.

## Supply

<b>Emer-Proof Top Coat Extended Wear</b>	15 litre Pail
Material code:	FC000881-15L
<b>Emer-Proof Top Coat UV Protect (Grey)</b>	15 litre Pail
Material code:	FC000850-15L

## Coverage

Emer-Proof Top Coat Extended Wear is applied by a 6mm mohair roller or brush in 2 applications at a coverage of 8 m<sup>2</sup> per litre per coat.

## Shelf Life

Emer-Proof Top Coat Extended Wear has a shelf life of 12 months from date of manufacture if kept in a dry store in the original, unopened pails. Refer to the Use by Date indicated on the packaging.

## Storage Conditions

Store in dry conditions at temperatures between 5°C and 30°C in the original, unopened containers. If stored at high temperatures, the shelf life may be reduced.

## Important notice

A Safety Data Sheet (SDS) and Technical Data Sheet (TDS) are available from the Parchem website or upon request from the nearest Parchem sales office. Read the SDS 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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