

# Cemprotec Sandseal WB

## Low Odour Clear Sealer for Concrete Floors

### Product Overview

Single pack, water-based clear lacquer.

### Uses

For the protection of concrete floors in internal and external locations, and smooth **CEMPROTEC E-FLOOR** finishes. Also used in combination with sanded **CEMPROTEC E-FLOOR** to seal in and retain the sand to provide a slip resistant, decorative surface with excellent abrasion and wearing characteristics.

### Advantages

- Single component material which is easily applied by roller or brush.
- Enhanced abrasion and wear resistance. Does not blush when wet.
- Vapour permeable, thereby allowing the free passage of water vapour.
- Can be applied to damp but surface-dry substrates.
- Water-based product with low odour for use in internal and sensitive areas.

### Product Description

**CEMPROTEC SANDSEAL WB** is a single pack, clear lacquer which is based on an advanced acrylic copolymer dispersion.

Benefiting from advanced, acrylic dispersion technology, **CEMPROTEC SANDSEAL WB** can be applied to damp but surface-dry substrates, curing to form a tough, glossy finish.

It is particularly suited for the protection of concrete floors, and when used in combination with **CEMPROTEC E-FLOOR**, seals in and retains aggregate whilst providing enhanced wear and abrasion resistance.

### Technical Data

Property	Result
Colour	Clear
Specific Gravity	1.03 at 20°C.
Solids Content	35% by weight
Drying Time	15 minutes at 20°C.
Viscosity	64 cps at 20°C.

### Mechanical Characteristics

The following data is based on 2mm of **CEMPROTEC E-FLOOR**, treated with **CEMPROTEC SANDSEAL WB** applied at 5m<sup>2</sup>/litre:

Property	Result
Abrasion Resistance BS 8204: Part 2	Class AR1

### Preparation

#### UNSANDED CEMPROTEC E-FLOOR AND CONCRETE FLOORS:

The areas to be treated must be free from all unsound material, i.e. dust, oil, grease, corrosion by-products and organic growth. Ensure that the substrate is free from standing water and that the **CEMPROTEC E-FLOOR** has cured for a minimum of 24 hours.

#### SANDED CEMPROTEC E-FLOOR:

The areas to be treated must be free from all unsound material, i.e. dust, oil, grease, corrosion by-products and organic growth. All loose sand from the **CEMPROTEC E-FLOOR** curing, should be vacuumed up. Ensure that the substrate is free from surface standing water and that the **CEMPROTEC E-FLOOR** has cured for a minimum of 4 hours.

### Application

For treating concrete floors and as a sealer for smooth **CEMPROTEC E-FLOOR**, apply one coat at 10m<sup>2</sup>/litre. A short pile gloss roller provides the best finish although a brush may also be used, but in both instances care must be taken to entrap as little air as possible. Application by airless spray is possible but may give a more opaque finish. In areas of known high wear, allow to cure a minimum of 1 hour before applying a second coat, as above. On sanded **CEMPROTEC E-FLOOR** surfaces, the material should be poured out and spread to a coverage rate of 5m<sup>2</sup>/litre with a rubber squeegee and then back rolled to provide an even finish. Coverage may be affected by the particle size of the sand.

### Curing

Allow to cure for 12 hours before subjecting the area to foot traffic. Heavy trafficking of the area should only commence after a curing time of 5 days.

## Cleaning

All tools should be cleaned in water immediately after use.

## Storage and Shelf Life

**CEMPROTEC SANDSEAL WB** must be stored in sealed containers in frost free conditions away from heat.

Under appropriate conditions, **CEMPROTEC SANDSEAL WB** has a storage life of at least 12 months in the original sealed containers.

## Packaging and Coverage

Pack Size:	5 litres
Coverage	10 m <sup>2</sup> per litre on smooth finishes
(Typical):	5 m <sup>2</sup> per litre on sanded finishes

A 5 litre pack will cover 50m<sup>2</sup> on smooth finishes

A 5 litre pack will cover 25m<sup>2</sup> on sanded finishes

## Health and Safety

Safety Data Sheets are available on request.

## Application Top Tips

1. Overworking will entrap air and result in a milky appearance.
2. Regularly clean spray nozzles to avoid blockages.
3. On large areas, mark out an area equating to the coverage indicated in the guide table, pour out the sealer in a snaking pattern before spreading and back rolling to ensure even coverage.
4. Where tape has been used to delineate areas, remove whilst **CEMPROTEC SANDSEAL WB** is still wet to leave a clean, sharp edge.
5. For external heavily trafficked areas where odour is not an issue, consider using **CEMPROTEC SANDSEAL 760**.
6. Cold Weather Working (See separate Guide)
  - ≥3°C. on a rising thermometer.
  - ≥5°C. on a falling thermometer.
  - Do not use any product which has been frozen.
7. Protect from prolonged storage at high temperatures (≥40°C.).

The information herein is correct to the best of our knowledge, but it does not necessarily refer to the particular requirements of the customer. If the customer has any particular requirements it should make them known in writing to Flexcrete Technologies Limited, and obtain further advice accordingly.



FM 41091  
EMS 597350  
OHS 597351

Quality  
Environmental  
Health & Safety