

CEMPROTEC SANDSEAL 760

USES

CEMPROTEC SANDSEAL 760 is a hard wearing, single pack, polyurethane clear lacquer for protecting concrete floors and smooth **CEMPROTEC E-FLOOR** finishes. It can also be used in combination with sanded **CEMPROTEC E-FLOOR** to help seal in and retain the sand to provide a slip resistant, decorative surface with excellent abrasion and wearing characteristics.

ADVANTAGES

SIMPLE:	Single component material which is easily applied by roller or brush.
RESISTANT:	Excellent abrasion and wear resistance. Further enhances the chemical resistance of CEMPROTEC E-FLOOR .
TOLERANT:	Can be applied to damp but surface dry substrates.
RAPID CURING:	Moisture triggered curing mechanism rapidly gives a tough glossy finish.

PRODUCT DESCRIPTION

CEMPROTEC SANDSEAL 760 is a single pack, clear aliphatic polyurethane lacquer, dissolved in a hydrocarbon/ester solvent blend.

Benefiting from an advanced, moisture-triggered curing mechanism, **SANDSEAL 760** can be applied to damp but surface-dry substrates, curing quickly to form a tough, glossy finish.

It is particularly suited to protecting concrete floors and smooth **CEMPROTEC E-FLOOR**, and can be used in combination with sand-cured **CEMPROTEC E-FLOOR**, to seal in the aggregate to provide a slip resistant finish with excellent wear and abrasion resistance.

TECHNICAL DATA

Viscosity:	400-600cPs @ 20°C.
Specific Gravity:	1-1.1 @ 20°C.
Colour, Gardner Scale:	<2.
Drying Time:	3 hours @ 20°C.
Solids Content:	60% by weight.

MECHANICAL CHARACTERISTICS (TYPICAL)

The following data is based on 2mm of **CEMPROTEC E-FLOOR**, cured with 1.75kg/m² of quartz sand, and **SANDSEAL 760** at 5.5m²/litre.

Abrasion Resistance to BS 8204: Part 2

Under test conditions, the system withstood very high abrasion, taking it into Class AR1.

Tensile Bond Strength to BS 1881: Part 207

2.5N/mm² at 7 days.

APPLICATION DATA

Application Guide available on request.

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. New concrete must be at least 28 days old.

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 10-14m²/litre. Roller application 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 exceptionally high wear, allow to cure overnight before applying a second coat, ideally within 24 hours (maximum 48 hours) as above. On sanded surfaces, the material should be poured out and spread to a coverage rate of 5-6m²/litre with a rubber squeegee and then back rolled to provide an even finish.

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 48 hours.

CLEANING

All tools should be cleaned in xylene immediately after use.

STORAGE

CEMPROTEC SANDSEAL 760 must be stored in closed, air-tight containers as the product reacts with moisture, leading firstly to an increase in viscosity, and finally gelation. The containers should be kept cool; storage at elevated temperatures will result in a viscosity increase.

SHELF LIFE

Under appropriate conditions, **CEMPROTEC SANDSEAL 760** has a storage life of at least 6 months in the original closed containers.

PACKAGING AND COVERAGE

Pack size: 5 litres.
Coverage: 10-14m²/litre on smooth surfaces.
5-6m²/litre on sanded finishes.

SAFETY DATA

Safety Data Sheet available on request.

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Flexcrete Technologies Limited

Tomlinson Road • Leyland • Lancashire
• PR25 2DY • England

Tel: +44 (0) 845 260 7005 • **Fax:** +44 (0) 845 260 7006

e-mail: info@flexcrete.com

www.flexcrete.com

