



SCL 55 EPCR High Build



What does it do?

SCL 55 EPCR High Build floor system is a two pack solvent-free, high-build, heavy-duty epoxy resin system that provides long-life and a seamless finish. It has excellent oil, chemical and wear resistance and is low odour. The coating provides a smooth gloss finish to which anti-slip aggregate can be added if required and is easily applied by brush and roller.

Where can it be used?

Buildings

SCL 55 EPCR High Build floor system is suitable for interior use in areas where high standards of hygiene and resistance to heavy traffic are required. It is recommended for use in areas such as:

- Factories
- Warehouses
- Engineering workshops
- Food processing and beverage areas
- Chemical plant rooms
- Automotive and aviation areas
- Excellent for walkways and demarcation



System benefits

- Extremely durable and long-lasting
- Solvent free
- Low odour
- High gloss finish
- Good colour stability
- Excellent chemical, oil and grease resistance
- Seamless finish
- Hygienic
- Can be made slip resistant by adding aggregate
- Available in grey or red

Build up of system

Primer

SCL 55 EPCR WB Primer is a two-pack product used to prime bare concrete floors prior to coating.

Top coats

Two coats of **SCL 55 EPCR High Build** two-pack floor coating system at 200 microns per coat.

Technical information

	SCL 55 EPCR WB Primer	SCL 55 EPCR High Build
Typical Coverage @ 20°C	8m ² per kg @ 45 microns	4m ² per kg @ 200 microns
Application	Brush/Roller	Brush/Roller
Pack Size	5kg and 10kg	5kg and 15kg
Pack Make-Up	1 x Base/ 1 x Hardener	1 x Base/ 1 x Hardener
Pot Life	Up to 1.5hrs from mixing	25 Minutes from mixing
Re-Coat Time	Overnight (16 - 24 Hours)	6 Hours or once surface has lost tackiness
Light Traffic	24 – 48 Hours	12 – 16 Hours
Full Traffic	48 – 72 Hours	24 – 36 Hours
Full Chemical Cure	Up to 7 Days	Up to 7 Days
Dry System Thickness	45 – 70 microns per coat	200 microns per coat
Solids Content by Weight	50%	100%
Shelf Life	12 Months	12 Months
Storage	Out of direct sunlight, in a dry place not below 15°C	Out of direct sunlight, in a dry place not below 15°C

Note: Coverage rates may vary depending on surface profile and application conditions etc. Drying/curing times will vary depending on ambient surface temperatures.

Preparation

Surfaces to be coated must be clean, sound, dry and free from contaminants. Air temperature should be 5 - 30°C with humidity 70% RH maximum. To prevent any moisture retention during the curing process good drying conditions must prevail during both application and drying.

Application

Primer

SCL 55 EPCR WB Primer can be applied by brush or roller to most surfaces. Pre-stir the base to ensure that any separation is re-dispersed. The entire contents of the hardener must be added to the base and mixed thoroughly (preferably with a low speed paddle mixer) for a minimum of two minutes. Care must be taken when mixing to ensure that the hardener is properly dispersed. Avoid air entrapment into the product. DO NOT ADD WATER. Overcoating should be carried out after no less than 16 hours.

Top Coats

Surface must be clean, dry and primed as specified. The ambient temperature of the area should not be allowed to fall below 10°C throughout the application and curing period as this will have an adverse effect on the appearance and colour of the system. Surface temperature must be above 5°C. Wherever possible it is recommended that the application area is heated to a minimum temperature of 15°C prior to application of the coating system.

SCL 55 EPCR High Build is a two-pack material. Premix the coloured base component to a uniform consistency then mix the entire contents of the base with the hardener. If a separate mixing bucket is being used mix thoroughly ensuring all contents of both containers are removed. Mix using a slow speed electric mixer for approximately two minutes or until the two components have fully combined. The pot life of the product is 25 minutes so mix only as required. The mixed unit should be applied immediately by brush or roller with a consistent procedure. Floor areas should be cross-rolled to ensure even application and minimise roller marks. After 6 hours (or once the surface has lost its tackiness) and second coat of SCL55 EPCR High Build should be applied.

Product appearance

Smooth, glossy and seamless floor finishes.

Technical support

If you would like any information on SCL products please call: **01384 413815** or email us at: **sales@seamlesscoatings.co.uk**

Disclaimer

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