

DECKSEM SL



Self-levelling cement based flooring compound

DESCRIPTION

DECKCEM SL is a high bond strength, rapid setting and hardening selflevelling, polymer modified, cementitious, heavy duty overlayment. It has been formulated to achieve a smooth flat surface with ease of application.

TYPICAL USES

DECKCEM SL is an overlay for the restatement of existing or new concrete floors which are subject to movement of industrial equipments, forklift, etc. It can be used as an underlay prior to laying of carpet, ceramic tiles, vinyl flooring, resinous floor coating systems, etc, in commercial industrial applications.

ADVANTAGES

- Pre-measured components giving consistent performance
- Polymer modified to ensure excellent adhesion to prepared substrate
- Curing is not generally required
- Easy to lay and excellent early strength gain

TYPICAL PROPERTIES

Typical results	@ 25°C
Pot life	10 minutes
Flow (BS 890 Cone)	>30 cm
Compressive strength	
28 days	20.0 N/mm ²
56 days	26.0 N/mm ²
Typical thickness	from feather edge up to 10mm

APPLICATION

Surface preparation

It is essential that adequate preparation is carried out prior to the application of DECKCEM SL. Light sweep blasting is recommended to ensure the removal of all laitance, grease and oil.

PRIMING

The substrate must be primed using DECKCEM SL at the rate of 5-7 m²/litre. On very porous substrates it may be necessary to apply a second coat of primer if absorption is noted to be high. The primer/sealer must completely seal the floor or air release will cause bubbles to form in the DECKCEM SL. Allow the primer to become touch dry.

MIXING

DECKCEM SL is supplied as a two component pack consisting of a liquid component and a powder component. Add approximately 50% of the liquid component to a clean 25 litre steel drum and gradually add the powder whilst mixing using a slow speed heavy duty drill fitted with a suitable mixing paddle (STARKE technical services can advise). Mix for 2 minutes. Slowly add the remaining liquid whilst mixing and continue mixing for a further 2 minutes.

APPLICATION

Pour the mixed product onto the primed substrate and spread using a squeegee or a pin screed. The material must then be rolled using a spiked roller with spikes of a length greater than the depth to be laid. There should be no delay between levelling the product and spike rolling. Troweling is not required.

For large areas good site organisation is essential and the use of a grout pump may prove beneficial. STARKE Technical Department can advise of the types of pump available.

CURING

Curing is generally not required but in conditions of drying winds and high ambient temperatures the freshly hardened surface should be cured with a sealed polyethylene sheet. The product should be allowed to cure for 72 hours @ 25°C when followed by carpets, thermoplastic tiles etc.

EQUIPMENT CLEANING

All equipment may be cleaned with water but cured material can only be removed by mechanical means.

APPLICATION TEMPERATURE RANGE

Minimum	5°C
Maximum	35°C

PACKAGING & YIELD

DECKCEM SL is supplied as a two product component weighing 25kg with a yield of 15/25 litres.

STORAGE & SHELF LIFE

When stored in a cool environment, in original unopened containers, the material has a shelf life of 12 months.

HEALTH & SAFETY

The product is non-toxic but is mildly alkaline. Gloves should be worn during use. Splashes to the skin should be washed with clean water. Accidents splashes to the eyes should be washed with water but should prolonged irritation occur, medical advice should be sought.

FLAMMABILITY

DECKCEM SL and DECKPRIME 30 are non-flammable.

More from starke construction chemicals A wide range of construction chemical products are manufactured by STARKE which include:

- **Concrete admixtures.**
- **Surface treatments**
- **Grouts and anchors.**
- **Concrete repair.**
- **Flooring Coating**
- **Sealants.**
- **Waterproofing.**
- **Adhesives.**



Starke Polymer Ltd
Plot 158, kampala uganda
Construction Chemicals

Tel + 256 709 704 421
Tel + 256 792 171 023

Email: info@starkepolymers.com
[www. Starke polymers.com](http://www.Starkepolymers.com)

Important note :

Starke range products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Starke endeavours to ensure that any advice, recommendation specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation, opinion or information given by it.