



SEALOCRETE PLA LTD Greenfield Lane  
Rochdale OL11 2LD Tel: 01706 352255, Fax 01706 860880

CI/SfB	
	Zn5

TECHNICAL DATA SHEET TDS 197  
PUBLISHED FEBRUARY 2005

# SEALOFLOOR SUPER

## DESCRIPTION

SEALOFLOOR SUPER is a one pack, polymer modified, cement based, self-smoothing floor underlayment. It has been specially formulated to provide all the advantages of a standard single pack levelling compound, i.e. easy to mix and lay, whilst also exhibiting superior adhesion to most substrates and allowing a degree of resilience to movement.

## USES

SEALOFLOOR SUPER provides an ideal base for all types of internal floor coverings, i.e. vinyl tiles, vinyl sheeting, carpets, cork and wood blocks. It is suitable for application to most porous and non-porous building substrates including concrete, cement based screeds, stone, quarry tiles and timber. Application of SEALOFLOOR SUPER eliminates "high spots" on these surfaces which would result in the uneven wear of soft coverings. It is particularly suitable for refurbishment work in domestic and commercial premises.

SEALOFLOOR SUPER can be used on stiffly constructed timber floors where movement of the substrate is limited, provide adequate ventilation is available under the floor. It should not be used on a flexible surface and is not a wearing surface, so should not be left uncovered.

## ADVANTAGES

- \* Easy to mix and lay.
- \* Gives a self-smoothing finish.
- \* Excellent adhesive properties.
- \* Allows a degree of movement.
- \* ISO 9002 Quality Assured Firm.

## PRODUCT DATE

Max.application thickness:	6 mm
Recommended application temperature:	5°C to 25°C
Low temperatures, high humidity and poor ventilation will all retard set.	
Working time:	Approx.30 mins @ 20°C
Initial Set:	Approx.1.5 hrs @ 20°C
Light Foot Traffic:	After approx. 6hrs @ 20°C
Coverage:	25 kg will cover 7.5m <sup>2</sup> @ 2mm thickness.

## METHOD OF USE

### Preparation of substrate

All surfaces must be sound and free of dust, oil, grease, loose flaking material, bitumen and adhesive deposits, laitence and sealers. Floors must not be subject to rising damp and there must be sufficient ventilation to permit SEALOFLOOR SUPER to cure satisfactorily.

Concrete floors and screeds must be fully cured and all holes, cracks, worn concrete etc, should be patched before application of the SEALOFLOOR SUPER. Wooden floors must be firmly fixed. Air and floor temperatures must be maintained between 5° and 25°C during application and curing. Under floor heating must be switched off at least 24 hours before application.

Non-porous surfaces do not require priming; porous surfaces should be damped down with water or primed with SEALOBOND PVA diluted 1 part to 5 parts water, to counteract suction and help prevent pinholing or cracking

NOTE: EXCESSIVE SUCTION IS USUALLY ASSOCIATED WITH A WEAK SUBSTRATE. NEVER APPLY SEALOFLOOR SUPER TO A WEAK SUBSTRATE.

## Mixing

Read all Health and Safety instructions before use.

Add 25 kg of SEALOFLOOR SUPER to 5 litres of clean water and mix in a clean vessel until a smooth, lump-free consistency is obtained. Mixing is best achieved using a slow speed drill and paddle. Small quantities can be mixed by adding 3.5 parts by volume of SEALOFLOOR SUPER to 1 part water. Do not mix more material than can be used within 20 minutes. Do not add extra water or remix if mix begins to stiffen.

## Application

Pour the mixed SEALOFLOOR SUPER onto the prepared surface and spread using a steel float to a maximum thickness of 6 mm. Pot life of the mixed material is approximately 30 minutes and initial setting time is approximately 1.5 hours @ 20°C. The floor should accept light traffic after 6 hours and floor coverings can be applied after 24 hours @ 20°C. Low temperatures, high humidity and poor ventilation will all retard set.

Wooden floors must be securely nailed down at no more than 100 mm centres and any gaps between the board must be plugged and filled. Since all wooden floors are subject to movement by humidity and general seasonal temperature changes, our application suggestions cannot be taken as a specification.

Ensure adequate ventilation during application.

Under high temperatures, particularly if air movement is pronounced, a curing membrane will reduce the risk of cracking.

For thickness greater than 6 mm, clean sharp sand can be added to the mix up to a ratio of 1:1 by weight of dry powder. Addition of sand will extend set times and reduce workability of the mix.

## STORAGE

Dry storage is essential and shelf life is in excess of 6 months. PROTECT FROM FROST.

## PACKAGING

SEALOFLOOR SUPER is available in 25 kg bags.

## HANDLING

Avoid breathing dust. Can cause skin irritation therefore the wearing of gloves is recommended, Wash skin with soap and water and rinse eyes with clean water if contact occurs. Harmful if taken internally. For further information refer to the relevant Health and Safety Data Sheet.

*We endeavour to ensure that any advice, recommendation or information we may give in product literature is accurate and correct. However, we have no control over the circumstances in which our product is used and it is therefore important that the end user satisfy himself by prior testing that the product is suitable for his specific application and that the actual conditions of use are suitable. Accordingly, no responsibility can be accepted, or any warranty given by ourselves, our representatives, agents or distributors, other than that the product as supplied by us will meet our written specification. Products are sold subject to our standard conditions of sale and each purchaser and end user should at all times ensure that he has consulted our latest product instructions and safety information.*

