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TECHNICAL DATA SHEET TDS192
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SEALOFLOOR FLOOR LEVELLING COMPOUND

DESCRIPTION

SEALOFLOOR is a single pack cement based flooring underlayment, containing selected aggregates and polymer additives. When mixed with water it produces a fluid, easily levelled compound with good adhesive properties, which will harden rapidly to form an ideal base for subsequent floor coverings.

USES

SEALOFLOOR is designed to provide an even, level sub floor, ready to accept floor coverings such as vinyl tiles, vinyl sheeting, wood blocks etc. SEALOFLOOR is suitable for use in both industrial and domestic premises. It sets hard in 1 – 2 hours and normally floor coverings can be laid in 6 – 8 hours. SEALOFLOOR IS NOT DESIGNED AS A WEARING SURFACE AND SHOULD NOT BE LEFT UNCOVERED.

ADVANTAGES

- * Easy to mix and apply.
- * Gives a self smoothing surface.
- * Rapid curing

TECHNICAL DATA

COVERAGE: Approximate coverage rate in m² per 25 kg bag.

Thickness mm	1.5	3.0	6.0
When used:			
Neat	9	4.5	-
With Sawdust Filler	-	6.5	3.0
With granite Chip Filler	-	8.0	4.0

PACKAGING

Available in 12kg and 25kg bags.

METHOD OF USE

Preparation

SEALOFLOOR must be applied to a surface which is sound and free from oil, grease, bitumen deposits, dust etc. and not subject to rising damp. Concrete or screed surfaces must be fully cured, dry and any dry laitance removed. All holes, cracks or worn concrete should be patched with SEALOFLOOR up to the level of the existing floor and allowed to set, before the main SEALOFLOOR compound is applied. Where deep holes or indentations are involved, SEALOFLOOR can be bulked out with coarse sawdust or clean sharp sand.

Dense surfaces such as terrazzo and quarry tile and also very porous surfaces, should be primed with a solution consisting of 1 part SEALOBOND PVA to 5 parts water and allowed to dry before the SEALOFLOOR is laid.

Floors treated with any type of surface dressing, must be tested to ascertain if there is any adverse effect on the bond of SEALOFLOOR.

Underfloor heating should be turned off 24 hours prior to the application of SEALOFLOOR to allow the base concrete to cool down.

Mixing

SEALOFLOOR is normally used neat at thicknesses up to 5mm. For thicknesses of between 5mm and 12mm, the addition of a filler is recommended.

Floor Thickness up to 5mm: Use neat SEALOFLOOR and mix with clean water in the ratio of 3 volumes of SEALOFLOOR to 1 volume of water.

To fill holes and worn areas from 5mm to 12mm deep: Mix in the ratio of 1:1:2½, water : SEALOFLOOR : coarse sawdust or mix in the ratio of 1:3:2½; water : SEALOFLOOR : 3mm granite chips or clean sharp concrete sand.

Add SEALOFLOOR to the water, stirring continuously to ensure an even consistency is obtained. Apply immediately. Do not make up more material than can be applied within 30 – 40 minutes, as the mixed powder cannot be re-mixed or watered down later once it has started to set.

Application

Thoroughly damp down or seal the floor as required. In hot conditions continue to keep the surface damp, but ensure free water does not remain on the surface. Pour the mixed SEALOFLOOR onto the substrate and spread to the required thickness using a float. Allow 6 – 8 hours to elapse then ensure the SEALOFLOOR has hardened before applying the flooring adhesive. If application of the floor covering is delayed and especially in warm or drying weather, the floor should be damped down periodically.

After application of the floor covering do not turn underfloor heating on for at least 24 hours and then allow a gradual increase in temperature over a further 24 hour period. Always refer to the recommendations of the flooring adhesive supplier in such situations.

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.

Wooden Floors

All traces of floor coatings such as floor sealers and polishes should first be removed and the floor allowed to dry out. Care must be taken to ensure that no significant movement can take place and that all boards are securely screwed down and gaps between boards plugged and filled. Apply SEALOFLOOR as detailed above.

It should be noted that all wood floors are subject to movement caused by fluctuations in humidity and temperature. Therefore our application suggestions cannot be taken as a specification.

Application to Damp Floors (faulty or no DPM)

To the prepared substrate apply two coats of PITCHCOTE or EPOXY DPM PRIMER ensuring no voids, pinholes etc. Apply second coat at right angles after the first has dried. While the second coat is still wet blind with clean, dry sharp sand and allow to cure for 24 hours. Remove any loose sand and then apply SEALOFLOOR to the required thickness.

The above specification should only be used in situations above ground and where there is no likelihood of hydrostatic pressure.

STORAGE

If stored in a cool, dry place in original unopened bags, the shelf life of SEALOFLOOR is 6 months.

HANDLING

Avoid inhaling dust. If material enters the eyes, wash out immediately with clean water. Possible irritation of skin can be prevented by washing off promptly and wearing suitable gloves. For further information please refer to the relevant Health and Safety Data Sheet.

