

TECHNICAL DATA SHEET FOR

FLOORSHIELD 852 SL SCREED - OVERLAYMENT

DESCRIPTION : Floorshield 852 SL Screed - Overlayment is a two component rapid setting, polymer-modified, self-levelling compound consisting of a blend of powders, well-graded aggregates and special additives to achieve good flow property.

When mixed, Floorshield 852 SL Screed - Overlayment becomes a flowable compound and is easily applied over concrete slab, screeds or tiled floor as an overlay.

TYPE : 2-components acrylic polymer modified self-leveling compound

USES :

- As a general resurfacing compound for repairing concrete surface.
- As an overlay at corridor, walkway, etc.
- As an underlay for soft floor covering.

FEATURES :

- Environmentally friendly product
- Early strength gain
- Good adhesion to concrete
- Low Shrinkage & Chloride free
- High flow, self-smoothing
- Easy and quick to lay
- UV & Slip resistant

APPLICATION DATA

METHOD : Metal trowel

**THEORETICAL
COVERAGE** : 1.9 kg/ m² per 1mm thick.

**SURFACE
PREPARATION** :

- The substrate must be dry, clean and sound, free of dust, loose particles, grease or any other contaminants that may affect the adhesion Floorshield 852 SL Screed - Overlayment. Remove defective and unsound substrate followed by general washing using high pressure jet.
- Patch cracks and holes exceeding 2mm with Floorshield 822 Epoxy Putty & reinforced with fibre-glass netting, Scrape off and discard old or partially set Floorshield 852 SL Screed - Overlayment.

FLOORSHIELD 852 SL SCREED - OVERLAYMENT

DIRECTION OF USE : Priming

Prior to application of of Floorshield 801 Water Dispersion Primer, remove all free water from the surface. Apply 1-2 coats of Floorshield 801 Water Dispersion Primer at 30-40 minutes time interval between coats. Floorshield 852 SL Screed - Overlayment should be applied as soon as the primer becomes tacky.

Mixing

Pour Floorshield 852 SL Screed - Overlayment Level Crete Part A (liquid) into a clean container. Slowly add Floorshield 852 SL Screed - Overlayment Level Crete Part B (powder) into the container containing Part A and mix with a low speed mechanical mixer for approximately 3 minutes until a homogeneous and lump-free consistency is obtained.

Application

Immediately after mixing, pour the well-mixed Floorshield 852 SL Screed - Overlayment Level onto the dried surface and spread with a trowel at thickness of minimum 3 mm to maximum 5 mm per layer.

Leave a neat edge for subsequent batches. Subsequent mixes should be poured into the wet edges of the previous mix.

For placement of more than 1 layer, sufficient curing time interval of 2-3 hours is recommended for each subsequent layer, after the previous layer completely cures and hardens. Apply 1 coat of Floorshield 801 Water Dispersion Primer prior to application of Floorshield 852 SL Screed - Overlayment.

For areas directly exposed to weathering, a protective coating is highly recommended.

TECHNICAL DATA

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| Consistency | Self-smoothing |
| Recommended Ratio (Part A : Part B) | 5:20 |
| Mixed Colour | Grey |
| Pot Life | Approximately 15 minutes |
| Setting Time | Approximately 60 minutes |
| Ready for Foot Traffic | Approximately 1 hours, depending on site condition |
| Compressive Strength at | |
| @ 1 day | ≥ 15 N/mm ² |
| @ 7 days | ≥ 25 N/mm ² |
| @ 28 days | ≥ 36 N/mm ² |

FLOORSHIELD 852 SL SCREED - OVERLAYMENT**GENERAL INFORMATION**

- PACKING** : 25 kg / set
- SHELF LIFE** : 6 months when stored in a cool and dry place, protected from rain and sunlight and extreme temperatures.
- PRECAUTION** : Gloves and goggles should be worn. Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, seek medical advice. Powder products should be handled to minimize dust formation. Use a light mask if excessive dusting is unavoidable.

The information given is intended to give a description of the product performance under specific test conditions. Nevertheless, we cannot assume any responsibility for the use of it since circumstances under which the products are applied in practice are subjected to many variations. We reserve the right to alter the given data without notice.

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