RESSI FH 100 FLOOR HARDENER

Cementitious floor hardener

RESSICHEM®
adding life and value to your property

Ressi FH 100 Floor Hardener is a ready to use, streak free, dry shake, cementitious floor hardener for use on interior and exterior concrete flatwork.

Ressi FH 100 Floor Hardener has been specially formulated for ease of application and integration on to suitably prepared and freshly laid concrete slabs.

Ressi FH 100 Floor Hardener is produced from an exclusive mix design incorporating quartz aggregates, OPC, and other proprietary admixtures. The product is free from fillers and extenders and is produced under strict, quality-controlled conditions.

Ressi FH 100 Floor Hardener must not be applied during rain or when rain is forecast, or temperatures are below or likely to fall below 6°C within a 24-hour period.

PROPERTIES

- ✔ Easy application.
- ✔ Streak free, non-fading.
- ✔ Denser, more durable surface.
- ✔ Improved abrasion resistance.
- ✔ Can be antiqued or acid stained.

SUB-BASE APPLICATION

The sub-base should be well drained and have adequate and uniform load bearing characteristics.

To reduce the likelihood of cracking, the sub-base must be graded to ensure an even thickness of concrete. At the time of concrete placement, the sub-base must be moist but have no standing water and should be well consolidated and frost-free.

If necessary, the sub-base should be dampened with water in advance of concreting, to avoid uneven suction and premature drying out of the underside of the slab.

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APPLICATION

Ressi FH 100 Floor Hardener should be applied to the surface of the freshly placed concrete once any bleed water has disappeared and the floating process does not disrupt the level of the slab. Premature application may affect durability and require a higher dosage rate.

Ressi FH 100 Floor Hardener must never be used to dry excess bleed water. Using the dry shake method, the material should be broadcast uniformly across the surface, normally in two applications. Two thirds of the material should be used in the first pass, with the final third being applied in the same manner but at 90 degrees to the first. Volume yield will depend on the final use of the slab.

It is recommended that the total number of m^2 being completed in each pour is calculated, and the correct number of bags placed equally around the slab in advance of application.

COVERAGE

Ressi FH 100 Floor Hardener has an average coverage rate 3.5 - 4.0 KG per m^2.

These ratios are the minimum, requirement of the floor hardener to increase impact and abrasion resistance. Heavy traffic or industrial areas should use a minimum of 5-6 KG per m^2.

PACKAGING

Ressi FH 100 Floor Hardener is packaged in 20 KG bags.

STORAGE

Ressi FH 100 Floor Hardener should be kept in a safe place. Shelf life is approximately 12 months.



NOTE

If printed bags are not available, neutral bags with label. Lot number and manufacturing date to be stamped at the back of each bag.

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