



SOUNDFLOOR - ST

QUARTZ BASED HARDTOP

Description

Soundfloor - ST is specially formulated floor hardener used as re-surface underlayment on uneven floors. Ready to use with high bonding properties.

Composition

A blend of high quality portland cement, specially selected natural and hard aggregates, and chemical additives.

Properties / Usage

High wear and abrasion resistant, non-slip, resistance to oil, water proof, extremely hard wearing, easy to clean, minimum maintenance required, stain free , monolithic application. Suitable for industrial and commercial use where maintenance is not required. Increases the abrasion resistance of concrete by 200 % .

Application

Please ensure the freshly laid concrete has the initial set. Inundation should not be more than 2 to 3 MM. There should not be any free water on the surface. Application of Soundfloor - HT to be carried out into two stages.

STAGE - 1: 50% of the total quantity required for an area should be evenly sprinkle on the surface. After few minutes when the surface become uniform gently trowel. Please do not overwork the surface other wise the powder will be buried.

STAGE - 2: Distribute evenly the remaining material onto the surface but at a right angle to the initial application and float as before. Final finishing can be achieved by conventional method or by power floating.

Consumption

Light Duty Traffic	: 2.5 - 3.5 Kg/10 ft ²
Medium Duty Traffic	: 4.0 - 5.0 Kg/10 ft ²
Heavy Duty Traffic	: 5.0 - 6.0 Kg/10 ft ²

Technical Specifications

Form	: Non-metallic Free Flow Granular Powder
Colours	: Natural Grey, Terracota, Green, Yellow etc.
Initial Setting Time	: 2-3 Hours
Final Setting Time	: 12 Hours
Compressive Strength (ASTM C 109, IS 9162, BS 6319)	: 60 N/mm ² @ 28 Days
Abrasion Resistance (IS 1237:1980)	: Approx. 1.6mm loss
Mohs Hardener (IS 13630-13, 2006)	: >7
Layer Thickness	: 2.5 to 3.0mm at dosage of 5.0 Kg/m ²
Time to Traffic	: Foot: 1- 2 Days Light Vehicular: 7- 8 Days Heavy Vehicular : 28 Days
Curing	: 7 days

Curing

Curing is absolutely essential either with water or with other means.

Packing

Available in 25 kg HDPE bags.

Storage

Can be stored under shaded dry condition for a period of 12 months.

Technical Assistance

The technical team at Sound Build Care Pvt Ltd. is ready to assist you anytime in case of any technical queries

Warranty

If applied as per the recommendation in the product data-sheet, SOUNDFLOOR - ST is guaranteed for the purpose of which it is recommended. We can not assume responsibility for misuse of our products. We assume no responsibility for the finished work as we have no control over factors such as mixing, application, background preparation, weather and other condition that may prevail at the time of applications.

SOUND BUILD CARE PVT. LTD.

Manufacturers of Building Construction Products

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