



# SOUNDSCREED 4

## Description

Sound floor screed is a cement-based, pre-mixed, polymer modified; floor screed specially formulated for high strength concrete flooring applications. A smooth and hardened finish is achieved.

## Available Variants

For designed strength upto 15 MPa, 30Mpa, 40Mpa and 60 Mpa

## Areas of Application

Is suitable in areas which demand faster floor screed/bed applications. It can be used for Preparation of superior floor levels in industrial floors, as a strong based for anti-static floors, for heavy duty load movement areas.

## Specification

Technical parameters comply with IS 2250.

## Features & Benefits

- Ready to use floor screed mortar just by adding water.
- Well graded good quality sand and fillers which enhances the durability.
- Ready to use after 24 hours dependent on thickness, ambient temperatures and humidity
- Consistent quality due to superior raw materials used
- Excellent adhesion and compressive strength
- Faster screed applications from 20 mm to 50 mm thickness
- Reduced wastages

## Method of Application

### Surface Preparation

Prior to application, surface should be clean, free of oil, grease and paint.

Defects deeper should first be patched with concrete by using souncrete sfmc.

It is advisable to have adequate roughness on the concrete surface to have the required adhesion with sound screed.

**Soundaid PB** with cement as bonding agent is suggested over old floor repair applications to Provide excellent bond between substrate and Sound screed

## Mixing

Mix soundscreed with 18-20 % by weight of water using mechanical stirring for 2-3 minutes to ensure a consistency free of lumps. Use power floats or any suitable mechanical leveling device to Prepare the final floors levels.

M-Sand, River Sand as well as coarse aggregates which are well graded can be mixed in 1:1 ratio by Weight, along with sound screed for higher volume applications

## Application

Use spatula, aluminum floats or any suitable mechanical leveling device to prepare the final floor levels

## Technical Data

As Per Relevant Is And Astm Standards

Water powder ratio	18-20%
Pot life	60 min
Subsequent usage time	24 hours
Thickness range of application	20-50 mm
Compressive strength @ 28 days (without aggregates/sand)	40-42 N/mm <sup>2</sup>
Compressive strength @ 28 days (with aggregates/sand)	25 N/mm <sup>2</sup>
Bulk density	1700-1850 Kg/m <sup>3</sup>

## Note

Allow a minimum of 24 hours for the subsequent usage over the floor screed applied areas. Do not apply if temperature is likely to drop to below 5°C or exceed 50°C. For temperature below 20°C allow the adhesive to cure for an extended period of time. Curing to be extended from normal 2-3 days as per the actual temperature in site conditions. The technical data provided in this technical data sheet is as per our internal lab testing and may vary as per the actual method of application at sites.

## Packing

40 Kg

## Shelf Life

It has a shelf life of 12 months from the date of manufacture. Store at a cool and dry place.

## Safety Directions

The product is non-toxic. Use of gloves and goggles recommended. Any splashes to the skin or eyes should be washed off with clean water. In case of prolonged irritation, medical advice should be sought. Floor screed is non-flammable.

## 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, SOUNDSCREED 4 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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