

Description of BS TopHard

BS TopHard is a premixed, non-metallic, ready to use powder, designed for application as a dry shake over freshly floated concrete floors or floor screeds to get a monolithic floor with increased abrasion resistance.

The product is prepared from hard wearing natural aggregates with hardness range eight on Moh's scale This reduces the rate of abrasion from the pedestrian and transport movement increases the service life of the concrete floor.

Advantages of BS TopHard

- BS TopHard provides a tough wearing surface on concrete floors.
- Easy to use
- Economical to use
- Non metallic – don't rust
- Allows abrasion resistant, hard wearing surface

Uses of BS TopHard

BS TopHard is recommended for treating floor areas, where superior abrasion resistance is desired to minimise dusting and maintenance, but not exposed to serious chemical attack. Application areas include;

- Warehouse Flooring
- Storage rooms
- Aircraft hangars
- Basements and cellars
- Mechanical workshops
- Garage for light vehicles
- Corridors and halls
- Parking areas
- Loading platforms

Instructions for using BS TopHard

The design and construction of the floor should be suitable to withstand the traffic, impact, stresses and other such loads it's going to be exposed to.

The concrete used for flooring should be atleast > M25 grade and free of bleed & segregation and also not contain more than 3% air in the mix.

Packaging

BS TopHard is available in 20 kg, moisture resistant bags.

Typical Properties of BS TopHard meets following Standards

Aspect :	Free flowing powder
Hardness on Moh's scale :	7 - 8
Abrasion resistance H22 wheel : (ASTM C501, 1000 cycles)	< 0.75 grams
Shelf Life	12 Months from Month of Manufacturing.

Consumption Data

The rate of application of BS TopHard depends on the service conditions to which the floor will be exposed to. The recommended rates of application are as below:

For heavy-duty traffic	6-8 kg/m ²
For medium duty traffic	5-6 kg/m ²
For light duty traffic	3-5 kg/m ²

*Maximum recommended rate for vacuum dewatered floors is 5 kg/m²

Storage and Shelf life of BS TopHard

Store under cover, out of direct daylight and defend from extremes of temperature. In tropical climates the product should be kept in an associate degree cool environment. Shelf life is twelve months once kept on top of.

Failure to adjust to the suggested storage conditions might lead to premature deterioration of the product or packaging. For specific storage recommendations please consult Buildsmart's Technical Services Department.

Safety precautions of BS TopHard

As with all chemical products, care ought to be taken throughout the use and storage to avoid contact with eyes, mouth, skin and foodstuffs. During application proper PPE should be worn.