

TECHNICAL DATA FOR BS TOPHARD - CH

Coloured Dry Shake Hardener For Concrete Flooring

Description for BS TopHard - CH

BS TopHard is a premixed, pigmented, non-metallic, ready to use matrix in powder with quartz, designed for application as a dry shake or as a wet on wet application over freshly floated concrete screed to get a monolithic coloured flooring with increased abrasion resistance. The product is manufactured using hardwearing natural aggregates with chemistry to allow higher dosages per sqm to achieve shade evenness. The results show that BS TopHard considerably reduces the depth of wear when suitably applied as per recommendations. It can be polished to a high gloss finish using suitable densification, grinding and polishing systems by any compatible systems.

Advantages of BS TopHard - CH

- Provides a tough wearing surface on concrete floors.
- It allows creation of attractive visual appeal to the concrete flooring.
- Replacement of Expensive Toppings Such as Epoxy and PU floorings.
- More Economical as compared to coloured epoxy / pu floor toppings.
- UV Resistant System and suitable for exposed areas
- Polishable to a Smooth Glossy High Reflective Finish

Uses of BS TopHard- CH

BS TopHard-CH is recommended for treating floor areas, requiring aesthetic appeal along with superior abrasion resistance but not exposed to serious chemical attack. Application areas include

- Parking Areas
- Malls and Commercial Establishments
- Corridors and Halls
- Showrooms, Hotels and Residential Projects
- Aircraft Hangars
- Basements and cellars
- Mechanical workshops
- Garage for light vehicles

Instructions for using BS TopHard-CH

The design and construction of the concrete floor should be suitable to withstand the traffic, impact and other such loading. The concrete used for flooring should be minimum

M25 and should be free of bleed & segregation and should not contain more than 3% air.

Typical Properties of BS TopHard-CH

Aspect :	Free flowing powder
Hardness on Moh's scale :	7 - 8
Abrasion resistance , H22 wheel : (ASTM C501, 1000 cycles)	< 0.75 grams

Coverage of BS TopHard-CH

The consumption of BS TopHard-CH depends on the shade required on the concrete flooring. Consult with our Technical Team for application and must conduct trials before finalisation of Shade.

Minimum Dosage	6 Kg Per Sqm
Maximum Dosage	12 Kg Per Sqm
Stage / Step of Application	2 to 3 Stage Application with Finishing Agent or Nano Silica Treatment
Packing	20 Kg Bags

Storage and Shelf life of BS TopHard-CH

Always Store under Cover, Protected from Direct Sunlight and Moisture. Expected Storage life 12 months from month of manufacture.

Safety precautions of BS TopHard

As with all chemical merchandise, care ought to be taken throughout use and storage to avoid contact with eyes, mouth, skin and foodstuffs.

IMPORTANT : Trials must be conducted before finalising order as actual shade outcome will depend on site conditions and application methods which are beyond standard lab conditions.