

TECHNICAL DATA FOR BS TOPHARD - CH
Coloured Dry Shake Hardener For Concrete Flooring

Description of BS TopHard - CH

BS TopHard-CH is a premixed, pigmented, non-metallic quartz-based powder for dry-shake or wet-on-wet application to fresh concrete. It produces a monolithic coloured floor with high abrasion resistance and uniform shade. When applied as recommended, it significantly reduces wear depth and can be polished to a high-gloss finish using compatible densifying and polishing 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

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

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

Packaging

BS TopHard - CH is available in convenient **20 kg** moisture resistant bags.

Safety and Handling

Wear **protective gloves, safety goggles**, and use **barrier cream** to prevent skin contact. Ensure **adequate ventilation** during application. For detailed safety guidance, refer to the **Material Safety Data Sheet (MSDS)**.

Storage and Shelf Life

Store in a **cool, well-ventilated area**, away from direct sunlight. Keep containers sealed until use. **Shelf life:** 12 months from the date of manufacture when stored as recommended.

Disclaimer

The information in this sheet is provided for general guidance and is based on current knowledge and experience. Due to the variety of possible application methods and site conditions, no responsibility is assumed for results obtained under specific circumstances.