



GBROCK CE

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High Performance Concrete DryShake surface Hardener, for New Concrete Only

Adding Value

GB Rock CE is a product specially designed for use in high-durability, abrasion resistant and friction-resistant flooring that requires a smooth finish.

GB Rock CE can also be supplied in yellow, red, black and green colors to provide aesthetics for floors and colors. The dry application method also achieves a monolithic layer of concrete that can't be separated from concrete.

Economic and Packing

GB Rock CE is sprayed manually or by modern spraying machines. Delivered in 30 kg double-layer packages against moisture.

Product properties

- Gray powder containing granules up to 3 mm.
- The average rate of 3 - 5 kg per meter.
- Concrete surface improvement coefficient up to 350% stronger than regular concrete.
- Does not contain any toxic or harmful substances.
- Product validity for one year from the date of production provided the packaging.



GB Rock CE Features

- Concrete floors are very important part of any project, whether it is a power plant, a production plant, or a fuel station.

-In order to obtain the suitable surface for the resistance of abrasion and friction resulting from the use of these flooring, **GB Rock CE** is used for this purpose. The material is applied in the form of powder over newly casted concrete before reaching the initial setting phase. The material is bonded with concrete as a single layer (monolithically) and the concrete surface gains strength, and strong surface.

-As a result of spreading the material dry on the semi-dry concrete surface, **GB Rock CE** is treated with special additives so that it does not need much water but the surface water in the concrete is sufficient. **GB Rock CE** is also treated with very special types of fiber to prevent the cracks from appearing on surface and make it resistant to water absorption.



Application Fields

- Factory floors, storage areas.
- Fuel station floors and weighing stations.
- Aircraft repair hangar flooring and maintenance of hangars in general.
- Garages and parking areas.
- Loading Docks
- Pedestrian sidewalks and walkways in public areas.
- All areas requiring high resistance to friction and impact and for long life concrete floors.
- Does not contain any harmful substances to the environment and contain more than 60% of the composition on natural materials safe recycling.

Application Guide:

- With the least possible handling, pour concrete between previously placed screed points. Move concrete into place with square tipped shovel or other solid bladed tools. Vibrators when used should be inserted vertically and should not be used to move concrete. The concrete once placed is further levelled and consolidated with wooden or hand floats. Remove any bleed water, which is present on the surface.
- Transfer **GBRock CE** powder from the bags to pails of a size convenient for handling by the person walking on the freshly floated surface. When the concrete has set enough to leave a 3 – 6 mm footprint on the surface, start broadcasting $\frac{2}{3}$ rd of the quantity evenly over the surface. As soon as the material darkens, start working on the surface with wooden float. Make sure that the surface is not overworked which results in excessive moisture surfacing.
- As the floating proceeds, immediately follow the process by broadcasting, at right angles to the initial broadcast, the balance $\frac{1}{3}$ rd of the quantity set apart. Once the material darkens, float the surface with a power float bringing the moisture completely through the surface. In case of heavy duty application the first broadcast will be done only with the half the quantity. This is followed by two separate broadcasts each with $\frac{1}{4}$ th quantity and at right angles to each other.
- Proper curing of the surface is very important for the achievement of the required physical properties of the finished floor. It is recommended to use **NanoCure** for curing. Saline or brackish water should not be used. Please refer to the detailed method statements for more details on application.



www.greenbuildegypt.com

info@greenbuildegypt.com

<https://www.facebook.com/GreenBuildEgypt>

Customer Service: 01050240446/ 01114544492

LandLine: 02-28607233

51 First Industrial Area Badr City, Cairo, Egypt.

