

SH C

Surface Hardener with Corundum Aggregate

Product Description :

Bostik SH C Surface Hardener is a ready-to-use, cement-based surface hardener with corundum aggregate that contains high quality environmentally friendly additives. It is applied monolithically on concrete surfaces.

Areas of application :

- Indoors and outdoors
- On the floors that are not exposed to frequent and too heavy loads
- On the floors that are exposed to abrasion
- In garages, parking lots, roads and pavements
- In hangars, industrial and commercial warehouses
- In factories
- In underground passages, metro stations
- In gas stations,
- In loading ramps and wharves

Features :

- Used by sprinkling on fresh concrete
- A dust-free and hard surface is obtained
- Performs higher resistant to abrasion and bumps than regular concrete does
- Long-lived and resistant to heavy traffic
- Increases the impermeability of the concrete
- No oxidation
- East to clean and maintain
- Fireproof

Technical data :

Dmax (mm)	3
Colour	Grey, Red, Yellow, Green
Dry unit volume weight	1,6 kg/dm ³
Compressive Strength (28 days)	~ 75 N/mm ²
Environment temperature for application	between +5°C and +35°C
Abrasion (according to Böhme method)	2 ≤ cm ³ / 50 cm ²

Technical data are approximately provided according to a temperature of + 20°C and a relative humidity of 50%.

Preparing the substrate :

- The surface on which Bostik SH C Surface Hardener will be applied should be minimum B25-class concrete. The surface of the concrete should be smoothed with a wooden trowel.
- The consistency of the concrete on which Bostik SH C Surface Hardener will be applied is of great importance. In case of having hard consistency, the surface hardener cannot absorb the water needed for its reaction and consequently the hardening does not happen. When the consistency is too fluid, the surface hardener penetrates into the concrete poured and therefore the desired result cannot be obtained.

Application :

- Firstly, ½ of the consumption amount of Bostik SH C is sprinkled on the floor and smoothed with a wooden trowel. When it becomes available for walking on the floor, the rest of the material is spread on the whole floor homogenously and levelled.
- After the product is applied and levelled on the concrete, the surface is finally levelled with a levelling machine.

After application :

- In order to prevent rapid curing, a little water should be sprayed on the newly applied surface and it should be covered with a large folio.
- The recommended Bostik WBC or Bostik RBC curing material should be applied on Bostik SH C Surface Hardener.

- Depending on the ambient temperature, secondary joints should be cut within 1 -3 days after the application. When the surface is hardened, it should be filled with the flexible jointing paste.
- The newly applied surfaces should be protected from direct sunlight, adverse weather conditions and high temperatures (+35°C).

Coverage :

Appr. 4 – 6 kg/m² for 3 mm thickness.

The coverage amounts are theoretical and it is recommended to do coverage-controlled sample application before treatment.

Packaging :

25 kg craft bags, 64 bags in one palette (1600 kg/palette)

Storage :

- Dry mortar bags should be protected from water, frost and adverse weather conditions.
- They should be kept dry and cool on wooden pallets.
- The torn or opened products should be closed immediately and consumed first.
- Maximum 8 bags should be stocked on each other.
- Shelf life is maximum 12 months conditional to complying with the abovementioned storage conditions.

Risk Signs :

R23/24/25 : Poisonous when inhaled, swallowed and contacted with skin.

Security signs:

S2: Keep out of reach of children.

S3: Keep cool.

S9: Keep the package dry.

S26: Rinse with water thoroughly when contacted with eyes and consult a doctor.

S28: Rinse with water thoroughly when contacted with skin and consult a doctor.

S29: Do not throw in the drain.

S36/37/39: Wear suitable protective clothing, protective gloves and glasses / mask during the operation.

BOSTIK is only responsible for the product quality and cannot be held responsible for its mis-use except for the recommendations regarding where and/or how the product shall be used. This technical bulletin hereby is valid until it is renewed. BOSTIK's right to amend the products in accordance with technical developments is reserved.



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