

# CERMIFLOOR BS

## CEMENT BASED, BASALT AGGREGATE FLOOR HARDENER



Grey



Green



Red



- Ability to obtain a smooth and homogeneous surface possibility
- Increasing resistance to impacts

- Preventing wear against mechanical loads
- Delaying surface dusting
- Suitable for heavy vehicle-freight traffic

## PRODUCT INFORMATION

### WHERE TO USE

- On industrial floors exposed to heavy vehicle-load traffic
- Warehouse, workshop, auto service-washing stations

### GENERAL FEATURES

<b>Material structure</b>	: Powder
<b>Colour</b>	: Grey, red, green
<b>Density</b>	: $1.7 \pm 0.05 \text{ gr/cm}^3$

### TECHNICAL CHARACTERISTICS (\*)

<b>Taber Abrasion Resistance</b>	: < 3000 mg (EN ISO 5470-1)
<b>Impact Resistance</b>	: Class I (EN ISO 6272-1)
<b>Temperature resistance</b>	: -30 °C - +70 °C

(\*) These values are obtained as a result of laboratory experiments and are the performance values of the finished applications after 28 days. These values may change depending on site conditions.

### STANDARDS AND DOCUMENTS

- Tested according to EN 1504-2 standards

### CONSUMPTION

- Average: 4-6 kg/m<sup>2</sup> (for 1mm thickness)

### PACKAGING

- 25 kg kraft bags

### STORAGE

- Moisture-free, dry and protected against external weather conditions should be stocked in warehouses.
- Shelf life is 1 year under appropriate storage conditions.
- Opened packages should be kept tightly closed.

Interior-  
Exterior FloorSurface  
InspectionApplication  
TemperatureLight-Medium  
Load Traffic

## APPLICATION

### APPLICATION PROCEDURE

**Application temperature :** +5 °C - +35 °C

**Walkable:** 24 hours

### SUBSTRATE PREPARATION

- Although it varies according to the quality of the concrete, the entire surface must be homogeneous
- The thickness of the applied concrete should be at least 15 cm.
- The bearing concrete of the area to be applied is should be. at least C25 class.
- The surface of the fresh concrete to be applied should not be polished with a steel trowel or tray glaze. It should be smoothed with a wooden trowel.

### APPLICATION

- Wait until the load-bearing concrete is walkable. The appropriate time is when the concrete has hardened enough to leave a 0.5-1.5 cm deep footprint when stepped on.
- The material is distributed over the whole surface by the method of scattering. The material should not be left on the surface in clumps should be as homogeneous as possible. Also the product to long distances so that the aggregates in it do not decompose sprinkling should not be done. This process can be done manually or by special spreading with equipment.
- Color the sprinkled material by absorbing the water of the concrete change should be expected.
- Its color is homogeneously sprinkled and absorbing the water. The changing material is compacted with tray glaze and mixed with concrete integration is achieved.
- Then, the blade is polished and the desired shine is achieved. This process is continued until it is achieved.



### RECOMMENDATIONS

- Never water on the material during the application should not be discarded.
- Do not apply on frozen and frost hazardous surfaces.
- It should never be applied on overheated floors, in very sunny and strong windy weather. Accurate timing and finishing techniques use should be considered.

### SAFETY INSTRUCTIONS

- It should not be inhaled, and eye contact should be avoided.
- It is recommended to use appropriate work equipment (gloves, goggles, mask, knee pads, etc.) during application of the product.
- For more detailed information please read the Material Safety Data Sheet (MSDS)

**Note:** Technical values and application instructions are valid under ambient temperature of 23°C with relative humidity 50% and they are the results of our tests and experience in accordance with international standards. Our company is not responsible for any errors that may occur if the instructions and recommendations specified in the technical data sheets are not followed.