

FH STAMP

Stamped Concrete Surface Hardener

Description

FH STAMP is a cement based, quartz aggregate, colored stamped concrete hardener that resistant to abrasion and chalking. It can be applied on fresh concrete surface as monolithic.

Fields of Application

- On interior and exterior surfaces,
- On concrete surfaces, floors, pavements, pedestrian and car roads.

Features and Benefits

- Increases strength of stamped concrete surface and prevents the surface from chalking.
- Creates colored and decorative surface.
- Decreases absorbency of the applied surface.
- Prevents flacking formed during freeze-thaw.

Technical Data

Content	Quartz aggregate, special cement, mineral fillers and special additives mix
Color	Natural Grey / Light Grey / Light Brown / Green / Bone Color /
Appearance	Orange / Other colors
Aggregate Hardness	7 Mohs
Compressive Strength	≥ 6,0 N/mm ²
Abrasion Strength	6,8 cm ³ /50 mm ²
HS Code	3816.00.00

Application Procedure

Preparation of Substrate

Application must be started after disappear of the water on fresh concrete surface.

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Application Method

Colored **FH STAMP** is spreaded approximately 4-5 kg/m² on the surface. It must be polished on the surface with using special trowel. After the coloring process is completed, waited until get plastic consistency by draining the water into the concrete. **FH RELEASE AGENT** antique effect powder are applied on whole surface to form a thin layer as 200 g/m². After spread the **FH RELEASE AGENT** on the surface, polyurethane based decorative concrete molds are placed on the concrete surface consecutively and without any gap. Figure of the molds are transferred into the concrete with wetting by a pounder. Depends on weathering conditions after 1 or 2 days later, firstly **RELEASE AGENT** is swept out and then surface must be washed with pressure water until get desired appearance. A part of the **FH RELEASE AGENT** is stayed into the joints and gaps during the application, it is formed an antique and natural appearance on the surface. Joints must be cut within 1-3 days. After get dry of the washed surface, **FH SHINER** is applied 2 layers with using roller or spray gun as 300-400 g/m². Surface color and surface are protected from acid, base, solvents, chemicals and UV lights with this process.

Consumption

4-5 kg/m²

Packaging

25 kg kraft bag

Shelf Life

12 months in original, unopened package.

Storage

Store in dry area between +5°C and +35°C. Protect from heat, freezing and direct sunlight.

Cleanup Information

Clean tools and equipment with water immediately after use. Dried material can only be removed mechanically.

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Cautions / Limitations

- Surface hardener materials only improve impact and abrasion resistance on applied surfaces. They do not affect concrete mechanical strength, for this reason concretes always designed for the load to be applied on it.
- It may be harmful with skin contact.
- Do not apply in freezing conditions or during precipitation.
- Protect applied materials from rain, freezing, foot traffic and continuous high humidity until completely dry.
- Do not use when air and surface temperatures are below +0°C and above +35°C.
- Avoid heavy traffic for 24 hours.

Health and Safety

Warning! Cause eye and skin irritation. If eye or skin contact, get immediate medical attention. If swallowed, do not induce vomiting. Call a physician or poison control center. Never give anything by mouth to an unconscious person.

Wash hands thoroughly after handling. Wear protective clothing, gloves, eye and face protection. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Dispose of unused, contents, container and other contaminated wastes in accordance with local, state, federal and provincial regulations.

Keep container closed when not in use. Keep out of the reach of children.

Limited Warranty: This product is subject to a written limited warranty which can be obtained free of charge from BAUMERK Company. Please contact with technical service department for further information and support.