

SELFING 315

Cement Acrylic Based, Self-levelling High Performance Floor Coating

Description

SELFING 315 is a cementitious acrylic based, steel fiber-reinforced, self levelling, two component, applied with 4-8 mm thickness, high abrasion resistance and elastic industrial floor coating material.

Fields of Application

- Indoor and outdoor areas
- Factory and warehouse floors
- Shopping center
- Car parks and garages
- In loading bays
- Gas stations
- Balcony and terraces
- In worn and torn industrial floors used as floor coating

Features and Benefits

- Provides excellent resistance up to 8 mm thickness application.
- Excellent adhesion to applied surfaces.
- Easy to apply, self levelling.
- Flexible and do not affected vibrations.
- Non- shrinkage.
- Does not affected surface tension that occurred temperature differences.
- Resistant to mechanical influences, water and chemicals.
- Excellent freeze-thaw stability.

Technical Data

Content	A Component : Mineral fillers, steel fiber-reinforced, special cement blend. B Component : Acrylic copolymer dispersion
Color	Grey
Mixing	25 kg Component A : 6,5 Component B
Density of Mixture	1,94 kg/L
Adhesion Strength	2,0 N/mm ² (28 days)

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Compressive Strength	23 N/mm ²
Pot Life	30 minutes
Drying Time	
Open to pedestrian traffic	48 hours
Open to heavy traffic	7 days
Full Curing	28 days
HS Code	3816.00.00.00.19

Application Procedure

Preparation of Substrate

The surface must be dry, sound, moisture free and clear of materials which prevent bonding, such as dust, oil, paint, silicone, curing agents and detergents. Surface temperature should be minimum +10°C. Loose materials on the surface must be removed; cracks on surface must be repaired by proper **BAUMERK** repair mortar. The prepared substrate should be wetted with water to get uniformly saturation, leaving any standing water on surface. Cold joint and small cracks (up to 1 mm) can be filled with **SELFING 315**.

Application Method

Part B should be poured into a clean mixed bucket, Part A is added on Part B under electrical mixer. Mixture is stirred 3-5 minutes until get a homogenous mixture. **SELFING 315** mixture should be applied as a primer on substrate with bristle brush for obtaining excellent adhesion. Mixture should be applied on wet primer by trowel. After the application, any entrapped air should be released with a spike roller. Under normal conditions, **SELFING 315** is ready after 48 hours for pedestrian traffic, after 72 hours for car traffic. 7 days must be waited for heavy traffic conditions.

Consumption

9,5 kg/m² mixture is used for getting 5 mm thickness. Recommended Max. 8 mm film thickness for application.

Packaging

Total 31,5 kg set
Component A: 25 kg powder / Component B: 6,5 kg liquid

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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.

Cautions / Limitations

- 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 +5°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.

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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.