

## SELFING 725

Calcium Sulphate Based Self-levelling Floor Screed  
(10-60 mm)

### Description

**SELFING 725** is a calcium sulphate based, self levelling flooring compound to create even and homogenous floors that can be applied indoor application with 10-60 mm thickness.

### Fields of Application

- It is used in indoor floors that required minimum thickness.
- It can be used on floors with underfloor heating and on thermal insulation materials.
- Suitable used in normal humidity level indoor kitchen and bathroom. Waterproofing is required on directly contact water wet floor areas.

### Features and Benefits

- Self-levelling.
- Has high thermal conductivity.
- Has high strength.
- Provides smooth surface.
- Applicable 10-60 mm thickness.
- Does not require additional processing on coating materials such as tiles, carpet, laminate, wood, parquet and PVC.

### Technical Data

Content	Powder calcium sulphate
Color	Grey
Mixing Ratio	20 kg SELFING 725 : 4,4 lt water
Dry Density	1100-1300 kg/m <sup>3</sup>
Compressive Strength	≥20 N/mm <sup>2</sup> (TS EN 13813)
Bending Strength	≥5 N/mm <sup>2</sup> (TS EN 13813)
Reaction to Fire	A1 (EU Class)
Application Thickness	10-60 mm
Pot Life	Max 60 min.
Thermal Conductivity	1 W/mK
Application Temperature	+5°C +35°C
Curing Time	

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<i>Load Carrying Time</i>	≥24 hours
<i>Walkable Time</i>	2-3 hours
HS Code	3816.00.00.00.19

### Application Procedure

#### Preparation of Substrate

The application surface must be free of materials such as molding oils, dust, paints, dirt, detergents that prevent bonding. Application surface moisture rate shall not exceed 4% and the floor shall have compressive strength of minimum 15 MPa. Proper primers should be used before the application. It is recommended to use edge strips in screed applications to prevent the mortar from leaking out and to absorb the expansion in the floor.

#### Application Method

20 kg **SELFING 725** is slowly poured into the 4,4 liters water under low speed mixture for 3-5 minutes until homogenous mixture is obtained. The mixture is allowed to rest 3 minutes and then after mixing for 1 minute the product is ready to use. Spread it uniformly as intended thickness. Application have to be done within 60 minutes. Do not add water during the setting time. Application and surface temperature must be between +5°C to +35°C.

Application thickness according to surface types:

- As self levelling bonded screed with 10-60 mm thickness
- As self levelling floating floor screed on a separating layer with 30-60 mm thickness
- As self levelling floating floor screed on an insulating layer with 35-60 mm thickness
- As self levelling floating floor screed above heating floor systems 35-60 mm thickness

**Direct application on floor:** It is possible to apply with a thickness of 10-60 mm. The floor surface should be primed with one or two coats with primer material. Application can be started after waiting for the primer material to dry. It is recommended to use an edge strip without foil.

**Application on a separating layer:** It is possible to apply with a thickness of 30-60 mm. This application is recommended for low strength floors. After the edge strip is fixed, the foil part is

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opened and the paper separator is applied to the edges. The paper edges corresponding to the wall are fixed with edge strips.

**Application on an insulating layer:** It is possible to apply with a thickness of 35-60 mm. It can be used in places where improving thermal insulation properties and reducing the impact noise level are desired. Also, it can be used to raise the ground level up to the size in the project. EPS should be used as insulation material. EPS is laid on the floor. Edge strip and separator paper are laid on the insulation layer and the foil on the edges. If the ground is not flat and the height difference is more than 10 mm, it is recommended to pre-level with **SELFING 725** before laying the insulation material. After the pre-leveling dries, the insulation layer application begins.

**Application on heating floor systems:** Screed thickness on heating floor systems is calculated based on the condition that the height of the screed over the heating element shall be minimum 35 mm. In this case, the total screed thickness shall not exceed 60 mm. Edge strips shall be applied around the application area. If the floor is not flat or if the height difference is over 10 mm, it is recommended to pre-level with **SELFING 725** according to the height difference before laying the heating system. After the leveling layer dries, the insulation and underfloor heating system should be installed. System manufacturer's instructions must be followed during the underfloor heating system laying and fixing. The connection methods of the heating elements should be such that they do not come to the surface during screed pouring.

### Consumption

1,7 kg/m<sup>2</sup>/mm. Recommended coating thickness is 10-60 mm.

### Packaging

20 kg kraft bag

### Shelf Life

6 months in original, unopened package.

### Storage

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

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## Cleanup Information

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

## Cautions / Limitations

- Not suitable for saunas, Turkish bath, indoor swimming pool etc.
- 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.
- Excess water in mixing ratio, can cause air bubble on the surface, phase separation and durability decreases. Follow the mixing preparation instructions.
- Applied surface must be protected from fast curing.
- 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.

**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.