

# weber.min 100

## Mineral façade coating

### ■ Description

Cement-based, fiber-reinforced, thin-textured decorative siding.

### ■ Advantages

- Allows breathing for substrates by means of high water vapor permeability.
- Resistant to external impacts by means of fiber-reinforced structure, protects the building.
- High resistance to water and frost.
- Water-impermeable.
- Not flammable.
- Has natural and decorative appearance
- Easy-to apply, can be painted with exterior paint.

### ■ Range of application

- Applied as a final coating on exterior thermal insulation systems and façades of all buildings.

### ■ Application substrates

- Exterior walls;
  - Cement based renders,
  - Concrete (**weber.tec R**, **weber tec RK** or **weber.tec RM** applied),
  - Gas concrete (**weber.tec GB** applied),
- Please consult us for all other application substrates.

### ■ Performance

- Dry film thickness: E5 > 400 µm
- Particle size class: S4 very thick, > 1500 µm
- Water vapor transfer rate class: V1 high, > 150 g./ (m<sup>2</sup>.d)
- Water transfer rate: W3 low, ≤ 0,1 kg. /m<sup>2</sup>, h<sup>0.5</sup>)
- Crack bridging property class: AO
- CO<sub>2</sub> permeability class: CO
- Mold growth resistance class: K2

### ■ Reference standards

- TS 7847.

### ■ Application properties

- Mixing time: 5 minutes
- Aging time: 5 minutes
- Pot life: 3-4 hours
- Application thickness: 1 mm
- Drying time: 2-3 days

### ■ Conditions of application

- Ambient temperature: between +5 °C and +30 °C
- Avoid application in very damp and/or hot weather.
- It should not be used on substrates which are frozen or melting or have the risk of frost or rain within 24 hours.

### ■ Preparation of substrate

- The substrate should be clean, dry, smooth and sound.
- The substrate should be wetted before application and it should be saturated with water in very hot and windy weather.

### ■ Application

- Average of 5,5 lt clean water should be added to 25 kg bag **weber.min 100**.
- **weber.min 100** should be mixed with trowel or low-speed hand mixer until it reaches a homogenous state.
- The mortar should be aged for 5 minutes before application and then should be mixed again.
- **weber.min 100** should be spread on the substrate uniformly with stainless steel trowel, application thickness should be adjusted according to the biggest pattern stone.
- Patterns should be applied on the substrate with circular movements with plastic trowel. Patterning should always be done when **weber.min 100** is still wet.

### ■ Attention points

- While preparing the mortar, recommended water rate, mixing and aging time should be certainly observed.
- Slightly hardening materials prepared previously should not be added to the new mixture.
- Avoid application under direct sunlight.
- Dark colors should not be preferred for application on exterior wall thermal insulation systems. The brightness reference value of the color to be chosen should be higher than 25. If dark colors do not cover more than 10 % of the façade, they can be used for decorative purposes.
- All tools used for application should be cleaned with water before drying.
- Can not be left as a final coat. Should be painted by a silicone added façade paint.

### ■ Limits of application

- Not applicable on horizontal and inclined substrates with an y angle less than 45 degrees.
- Not applicable on direct brick and gas concrete and weak-plastered substrates.

■ **Consumption**

1,8-2 kg/m<sup>2</sup>.

■ **Packaging**

Net 25 kg bag, (64 units in pallet, 1600 kg).

■ **Pallet size**

107 x 107 cm.

■ **Color**

White.

■ **Application tools**

Steel trowel, plastic trowel.

■ **Shelf life**

1 year as of the production date in dry and moisture-free environment provided that packages will not be opened. Package should be kept tightly closed when not in use.

FOR INFO

➤ The stated times apply for 20 °C substrate and ambient temperature and increase at lower temperatures and decrease at high temperatures.

➤ **Saint-Gobain Weber Yapı Kim. San. ve Tic. A.Ş.** is not responsible for the application errors arising from use of product beyond its intended purpose or failure to comply with the foregoing application conditions and advice on the product.



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