

# weber.min deko optima

## Cement based, fiber-reinforced, medium textured decorative façade coating

Technical Data Sheet  
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### ■ Description

Cement-based, fiber-reinforced, medium-textured decorative façade coating.

### ■ Reference standards

- TS 7847
- G marking
- Public Works Pos No: 04.4476/A

### ■ 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.
- 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 (gas concrete render applied),
- Please consult us for all other application substrates.

### ■ Preparation of substrate

- The substrate should be clean, dry, smooth and sound.
- Dampen the substrate before application; the surface should be saturated with water in too hot and windy weathers.

### ■ Conditions of application

- Ambient and surface temperature should be between +5°C and +30°C.
- Avoid application in very damp and/or hot weather, under direct sun.
- Should not be used on frozen or melting substrates, or substrates with the risk of frost within 24 hours.

### ■ Application

- Average of 6-6,5 lt clean water should be added to 25 kg bag **weber.min deko optima**.
- **weber.min deko optima** 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 deko optima** 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 deko optima** 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 dark 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.
- Cannot be left as a final coat. Should be painted with a silicone added façade paint.
- It should be waited at least 7 days before starting

### ■ Technical details

PRODUCT	<b>weber.min deko optima</b>
Mortar density	16-17
pH value	7,5-8,5
Packaging	25 kg kraft bag (64 bags per pallet, 1600 kg)
APPLICATION	
Water ratio	Average 6,0-6,5 liters
Mixing time	5 minutes
Aging time	5 minutes
Pot life	3-4 hours
Application thickness	1,5 mm
Time required for paint	Min. 7 days
Glossiness	G
Dry film thickness	E5
Grain size	S4
Vapor transmission rate	V1
Water transfer rate	W2
Crack bridging capacity	A0
CO <sub>2</sub> permability	C0
Resistance to mold growth	K2
Consumption	2,10-2,30 kg/m <sup>2</sup>

### ■ Storage

Pallet size	1107x107 cm (max. 3 level stacking) 64 units per pallet, total of 1600 kg
Shelf life	1 year from date of manufacture when stored unopened in a dry, moisture-free environment. Packages should be kept tightly closed when not in use.

### ■ Safety precautions

- Use appropriate safety equipment (dust mask, gloves).
- Protect your eyes/face.
- Avoid contact with eyes and skin.
- In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention.
- Please read Material Safety Data Sheet (MSDS) for further safety information.

### Legal disclaimer

Saint-Gobain Weber Yapı Kimyasalları San. ve Tic. A.Ş. is not responsible for any errors arising from the use of product beyond its intended purpose or not complying the application procedures mentioned above.

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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