

weber.rep AD

Anti-corrosive, bonding coat and primer

Technical Data Sheet

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Revision No: 002

■ Description

Cement based, high performance, polymer modified, anti-corrosive, bonding coat and primer.

■ Referans standartları

CE

■ Advantages

- Perfect resistance to corrosion
- High adherence on concrete and reinforcement bars
- High mechanical resistance
- Easy application

■ Application areas

Used as protective coating against corrosion of reinforcements in concrete repairs of all buildings. Also, used as bonding primer before fresh concrete, repair mortar and screed applications on old cement based substrates.



■ Application substrates

Interior and exteriors;

- Cement based substrates (old concrete, screed, etc)
- Reinforcement bars

Please consult us for all other application substrates.

■ Preparation of substrates

Reinforcement repairs:

- Surrounding of reinforcement bars should be opened as they have no contact with concrete.
- Corroded bars should be cleaned from rust and dust using mechanical methods before primer application.

Concrete substrates:

- The substrate should be clean, dry and free from adherence blocking layers like mould oils.
- Surface should be checked using hammer for low-adherence substrates. Weak parts should be removed.
- The substrate should be dampened before the application. Avoid water ponding.

■ Application conditions

- Ambient and surface temperature between +5°C and +30°C.
- Avoid application under strong wind or direct sunlight.
- Should not be used on frozen or melting substrates, or substrates with the risk of frost within 24 hours.

■ Application

- Mix 25 kg bag of **weber.rep AD** with average of 7.5 litres of clean water.
- **weber.rep AD** should be stirred to a homogenous consistency using a trowel or low-speed mixer. The mixture should be aged 2 minutes before application.
- **weber.rep AD** should be applied strongly using brush or roller for anticorrosive and bonding applications on reinforcement bars and/or cement based substrates.
- The application should be at least in 2 coats for anti-corrosive effect. Next coat should start 4 hours after the first coat application. Ensure no gaps left on reinforcement bars during the application.
- For high bonding properties, next application on **weber.rep AD** should be made wet on wet.

■ Application tools

Hand mixer, steel trowel

■ Consumption

1.50-2.00 kg/m² (depending on surface absorbance and application method)

■ Points of attention

- Rust and dust should be removed from corroded bars before the application of primer using mechanical methods.
- For high bonding properties, next application on **weber.rep AD** should be made wet on wet.

■ Technical specifications

PRODUCT	weber.rep AD
Product structure	Powder
Colour	Grey
Mortar density	1.75±0.1 g/cm ³
Mixing ratio	25 : 75 (weber.rep AD : water)
Pot-life	Average 5 hours
Time to wait between coats	4 hours
Application thickness	Min. 1-1.5 mm (2 coats)
Full curing time	28 days
PERFORMANCE	
Bond strength	≥2 N/mm ²
Soluble chloride ingredient	≤%0.05
Dangerous materials	NPD
Reaction to fire	A1

■ Safety precautions

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

■ Storage

Packaging	25 kg kraft bag (64 bags per pallet, 1600 kg)
Palette size	107x107 cm
Colour	Grey
Shelf life	<ul style="list-style-type: none">• 1 year from date of manufacture when stored unopened and undamaged in a dry, moisture-free environment.• Packages should be kept tightly closed when not in use.

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

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