

weber.rep 751 (Cerinol ZH)

Polymer modified bonding layer for heavy- duty concrete structures

■ Description

Polymer modified bonding layer with high mechanic resistance, is resistant to aging and severe weather conditions for heavy-duty concrete structures.

■ Advantages

- Very good cellular link
- Perfect adhesion

■ Range of application

- Applied as the binder before application of repair mortar such as **weber.rep 752** or high-resistant concrete floors and screeds on bridge and similar engineering structures and industrial floors. Applied on concrete reinforcement on which **weber.rep 750** has been applied as binder before concrete or Weber repair mortar application.

■ Performance

- Powder density: average 1,2 kg/dm³
- Ready mortar density: average 1,9 kg/dm³
- Bending resistance: 10 N/mm²

■ Application properties

- Pot life: Average 45 minutes (+20 °C)
- High temperatures shorten the pot life
- Application thickness: max 5 mm
- Consistency: plastic

■ Conditions of application

- The surface and ambient temperature is between +5 °C and +30 °C.
- Avoid application in strong wind or sun.

■ Preparation of substrates

Concrete surface

- The surface should be clean, sound and free from mold oils. The surfaces on which vehicle traffic is present should be cleaned from oil, tire and road lane tracks. The substrate can be cleaned via compressed air or water spraying and milling being a suitable pre-preparation method.
- The substrates with low adherence should be checked with hammer. Weak parts should be broken from the substrate.
- The substrate should be damped before the application. Small water bodies should be avoided.
- Avoid application on frozen substrates.

■ Reinforcement bars

- The irons should be cleaned from rust via steel wire brush and dust.
- Anti-corrosive **weber.rep 750** should be applied at 3- hour interval as two layers preventing contact of reinforcement iron with the concrete. **weber.rep 751** application should be started average 5 hours later (+20 °C).

■ Application

- 25 kg bag **weber.rep 751** should be put in the container with 9 liters water slowly and should be mixed with low-speed mixer (average 400 cycle/min). The mixture should be mixed until homogeneous state is achieved for about 5 minutes.
- The mixture should be aged for 2 minutes before the application.
- Ready mixture is applied on concrete substrates prepared before with brush and similar material, fitting on which **weber.rep 750** has been applied and damaged parts strongly.
- Then while **weber.rep 750** material has not cured yet, repair mortar should be applied depending on requirements of application area. The application will be sound if repair mortar can penetrate in **weber. rep 751** bonding layer.
- Repair mortars should not dry fast, be protected against high temperature and air flows.
- All tools used for the application should be cleaned with water before getting dry.

■ Consumption

1,0- 2,5 kg/m².

■ Packaging

25 kg bags,
(64 units in pallet, 1600 kg).

■ Color

Cement grey.

■ Application tools

Hand mixer, brush.

■ Shelf life

9 months 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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Weber products are produced at ISO 9001:2008 Quality Management System Certified production facilities.

