

# weber.tec 793 3K

## Three-component, solvent free, epoxy based repair and filler mortar

Technical Data Sheet  
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### ■ Description

Solvent free, three-component epoxy based repair mortar **weber.tec 793 3K** adheres concrete, screed and iron bar perfectly and has high compressive, flexural and adherence values. It is resistant against thermal affects and abrasion.

### ■ Advantages

- Perfect resistance against water and acids.
- Perfect adhesion on concrete and steel.
- Ready to use with its sand.

### ■ Range of application

- Anchoring in reinforced concrete structures.
- As a binder between old and new concrete.
- For concrete repair.
- For adhering concrete and steel plates,
- As high value adhesive for concrete, stone and wood.

### ■ Application properties

- Pot life: average 45 min.
- Application thickness: depends on application.
- Consistency: putty.

### ■ Performance

- Density: approximately 2,2 kg/dm<sup>3</sup>
- Mixture rate: Component A (resin): 10 unit.  
Component B (hardener): 3,5 unit.  
Component C (sand): 54 unit.
- Heat resistance: (after hardening): +140 °C (dry),  
+80 °C. (damp).

### ■ Attention points

- Use gloves and goggles during application and avoid skin and eye contact.

### ■ Preparation of substrates

- The substrate should be clean and not be slippery. It should be free from dust, dirt, oil, bitumen and weak particles and sound. A+B component should be applied on substrate as pre-application.
- If cracks and cavities on damaged substrates are repaired, cracks and cavities should be expanded before the application and cleaned with compressed air.
- The application substrate should have 30 N/mm<sup>2</sup> concrete pressure strength and upper surface of concrete should have 1,5 N/mm<sup>2</sup> adherence strength.
- Crack and cavities to be repaired should be primed **with weber.tec 793**. Next process should start when the material is still sticky.
- The material to be used considering the pot life, mixture rate should be prepared. Three components are packed in direct proportional to each other.

### ■ Application

- Whole of component A and B should be mixed for about 2 minutes with low speed mixer until homogeneous state is achieved. The component C should be added in the mixture.
- Application area and its shape is similar to resin as added quartz sand in the overview of **weber.tec 793**.
- Tools should be cleaned with thinner when the material is fresh after the application.

### ■ Consumption

2 kg/m<sup>2</sup>. (1 mm thickness).

### ■ Packaging

40 kg (3 component set).

### ■ Application tools

Hand mixer, trowel.

### ■ Shelf life

24 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.

➤ 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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