EN

Fill EB 820

Construction Chemicals > Joint Fillers > Epoxy-Based

Fill EB 820 is a two-component, epoxy resin-based joint filling material that is resistant to chemicals and bacteria, and easy to apply.

Usage Areas:

- Seramik, mermer, granit, cam mozaik ve cam tuğla gibi malzemelerin derzlerinin doldurulması
- Endüstriyel, Sanayi ve ticari alanlar
- Soğuk ve Sıcak hava değişiminin fazla olduğu alanlar

Advantages

- Resistant to chemicals, acids, alkalis, oils, food waste water, domestic waste water, and chemical waste water.
- Antibacterial properties; does not promote the growth of mold, fungus, or bacteria.
- High mechanical strength.
- Non-stick, easy to clean.
- Suitable for joint widths from 2 mm to 10 mm.
- Resistant to freeze-thaw cycles.

1 Surface Preparation

The surface to be applied must be clean and dry. Oil, grease, bitumen, cement residues, chips, loose particles, or old joint materials must be completely cleaned. In wide joints or dusty environments, the joint should be primed with Merks Pu Primer PB 724.

2 Product Preparation and Application

The entire component B of Fill EB 820 is poured onto component A and mixed for 3 minutes using a low-speed (100-500 RPM) drill. Due to the two-component and epoxy-based nature of the product, and depending on the number of personnel, it is recommended to prepare and apply half of the material first, and then use the other half. When mixing by hand, it is necessary to mix for a longer time to ensure a homogeneous mixture. During mixing, the mixer should be moved around the container to avoid trapping air. Fill EB 820 is applied to the joints using a plastic or hard rubber trowel or with a caulking gun.

4 Precautions:

- Excess material will squeeze out from the joints. In deep joints, the initially applied material will settle within the joint. It must be ensured that the joint is completely filled
- Depending on the ambient and surface temperature, it can be applied to an area of 1 m^2 to 2 m^2. Afterwards, the surface should be cleaned with a suitable sponge and warm water to achieve the final shape of the joints.
- During the cleaning process, the soiled sponge should be changed frequently

5 Packaging

4 + 1,50 kg set tin bucket







Fill EB 820

Color	Ral colors
Hardness (Shore D)	75-80
Application Time	40-45 minutes
Opening to Pedestrian Traffic Time	7 Days
Abrasion Resistance	76N/mm3
Bending Strength After Dry Storage	32.2/N/m m^2
Full Curing	7 days