

## EPO DERZ

It is an epoxy resin-based, two-component joint filling material that is used for filling the joints of materials such as ceramics, marble, granite, glass mosaic and glass brick, is resistant to chemicals and bacteria, is easily applied and can be cleaned with water.

### ■ ADVANTAGES

- Resistant to chemicals, acids, alkalis, oils, food wastewater, domestic wastewater, chemical wastewater.
- It has antibacterial properties. It does not create mould, fungus and bacteria.
- It has high mechanical strength.
- It does not retain dirt and is easy to clean.
- Suitable for joint widths from 2 mm to 10 mm.
- Resistant to freezing - thawing cycle.
- Can be used in drinking water contact.

### ■ WARNINGS AND RECOMMENDATIONS

Flammable, flammable and flammable products should be kept away during application. There should be no smoking. Care should be taken to ensure constant ventilation of the application area. Protective equipment such as glasses and gloves should be used during application. In case of eye contact, wash thoroughly with plenty of water. For detailed information, please request the Material Safety Data Sheet. It should be kept out of reach of children. The product should be consumed by professional users, taking into account the data in the technical information section.

All technical information stated in this product data sheet is based on laboratory tests. Actual values may vary due to circumstances beyond our control.

### ■ CONSUMPTION

Component A = 5 kg Epoxy resin

Component B = 0.2 kg Epoxy hardener

### ■ STORAGE

Packaging	5 kg + 0,2 kg / Set
Colour	RAL Colors
Shelf Life	It should be stored between 5-35 °C in sealed packages away from direct sunlight. The mouth of the containers must be kept closed when not in use. It should be protected from frost. Shelf life 12 Months.

### ■ SCOPE OF APPLICATION

- It is applied indoors and outdoors.
- Filling of ceramic, marble, granite, acid-resistant ceramic, porcelain ceramic, glass mosaic and glass brick joints bonded to existing surfaces.
- All kinds of food production facilities,
- In the meat and fish industry, slaughterhouses,
- In the pharmaceutical, paint, paper, battery and fertilizer industries, in printing houses, industrial kitchens, laundries and cafeterias,
- In all kinds of hygienic environments in hospitals,
- In swimming pools and thermal pools,
- In wastewater and treatment facilities,
- Shopping malls, terminals etc. subject to heavy pedestrian traffic



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### ■ TECHNICAL SPECIFICATIONS AND PERFORMANCE VALUES

Colour	RAL Colors
Hardness	75-80 Shore D
Usage Time	40-45 min
Opening Time to Pedestrian Traffic	7 day
Abrasion Resistance	76N/mm <sup>3</sup>
Flexural Strength After Dry Storage	32,2/N/mm <sup>2</sup>
Complete Drying	7 day

The technical specifications written above were written according to the test results performed under 23°C and 50% relative humidity conditions. Values may vary under different temperature and humidity conditions.

### ■ APPLICATION FEATURES

#### Surface Preparations:

The surface should be cleaned using a high pressure washer if possible; Oil, grease, fuel and paraffin residues must be removed, and it must also be completely free of mold release agents, cement residues, shavings, loose particles and cured membranes.

#### Application:

- It is filled into the joints with a plastic or hard rubber trowel or with a muzzle-loading gun.
- Excess material is stripped from the joints. In deep joints, the first material applied collapses in the joint. Make sure that the joint is filled completely.
- Depending on the ambient and surface temperature, wait for 15 to 30 minutes, clean the surface with a suitable sponge and hot detergent water and bring the joints to their final shape.
- Sponges that become dirty during cleaning should be changed frequently.

### ■ SAFETY PRECAUTIONS

During use and storage, appropriate work clothes, glasses, gloves and masks should be used for worker health and safety. Eye, mouth and skin contact should be avoided. The contacted area should be washed with plenty of water. In more dangerous situations or if the product is swallowed, a specialist doctor should be consulted immediately. Food and drink should not be allowed into application areas. It should be kept out of reach of children. For detailed information, the Safety Data Sheet (SDS) should be consulted.

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### ■ LEGAL WARNING

Applications that may occur if the product is used for purposes other than its intended purpose or if the above-mentioned conditions are not complied with: from the mistakes of İzersan Yapı Malz. San. VE TİC. LTD. ŞTİ. is not responsible.

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