

weber.tec 944 (Eurolan FK Inject 2)

Polyurethane based injection and casting resin

■ Description

One component, polyurethane based injection and casting resin.

■ Advantages

- Very durable covering feature for gaps and cracks with expansive volumetric structure
- High chemical resistance.

■ Range of application

- It is applied to cover cracks strongly on concrete and similar substrates to prevent humidity and moisture.

■ Application substrates

- In filling and coating applications of crack and gaps to occur in concretes, stone surfaces, water tanks, swimming pools, sewerage systems, water treatment systems, docks or quay walls, building foundations and mines, at joints of pipe and wing, against possible leakages after sealing.

■ Performance

- Density: approximately 1,02 kg/dm³,
- Heat resistance: +70°C (damp), +80 °C (dry),
- Flashing point: 200 °C.

■ Application properties

- Consistency : liquid.
- Drying time: average 2 days.

■ Conditions of application

- The ambient temperature is between +4 °C and +30 °C.

■ Preparation of substrate

- The cracked substrate should be cleaned of dust and oil, if necessary should be cleaned via compressed air.
- Cracked head parts edges of which are not durable should be opened and covered with **weber.tec fix** for the injection material not to leak.
- The cavities should be moist before injection.

■ Application

- The surface should be drilled diagonally with drilling machine with distance of 15-20 cm and injection heads should be inserted carefully.

- Injection roll should be loaded, the pump should be filled with injection material and applied on the gaps and cracks desired with 10- 200 bar pressure (depends on the compression strength of the application surface).
- When stabilized pressure is obtained, apply the next injection head and implement the same process.
- Parts of injection pump contacting gaps and cracks of application should be cleaned with thinner maximum 1- 2 hours after the application.

■ Attention points

- If **weber.tec 944** is used for filling the big cracks, there will be 4% and 8% volume increase depending on the ambient temperature and moisture rate.
- Partial crystallization is seen when **weber.tec 944** is stored under 0 °C. Crystals are dissolved after light heating and the material becomes ready for use again.
- While applying **weber.tec 944**, use gloves and goggles and avoid eye and skin contact.
- If **weber.tec 944** application is on wall it should be applied from down to up.
- **weber.tec 944** application should not be done into the water deposits.
- **weber.tec 944** should be protected against moisture, the package should be kept closed as the water and air will not penetrate.

■ Consumption

0,2 kg/dm³.

■ Packaging

5 kg tins.

■ Color

Yellow.

■ Application tools

Injection machine, casting.

■ Shelf life

6 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.