



FIXPROOF PU FOAM (FIXFOAM)

SINGLE COMPONENT, POLYURETHANE BASE INJECTION RESIN

- Elastic and hydrophobic foam
- Solvent and propellant free
- Fills cracks and holes in concrete

DESCRIPTION

FIXPROOF PU FOAM is a single component, polyurethane based injection material, specifically designed for sealing and waterproofing the joints and cracks in concrete subjected to structural movements.

TYPICAL APPLICATIONS

- Foundations,
- Waste water and sewage systems,
- Waterways, dams,
- Water tanks,
- Parking lots, garages,
- Tunnels, underpasses.

ADVANTAGES

- Elastic and fully hydrophobic foam.
- Highly resistant against fungi and other microorganisms.
- Effectively seals joints, cracks and gaps in concrete.
- Single component product - easy to use.
- Low viscosity, even with minimum pressure, penetrates deep into application area.
- Solvent and repellent free.
- Safe to store, carry and use.
- Environment and user friendly; high performance.

TECHNICAL PROPERTIES

Color: Yellowish

Physical State: Liquid

Density: 1.10 ± 0,05 g/cm³

Application Temperature: +10 °C to +35 °C

Pot Life: 30 min.

Drying Time: 2 hours at 25 °C and 55% relative humidity

Service Temperature: -40 °C to +80 °C

Flash Point: 110 °C

DIRECTIONS FOR USE

SURFACE PREPARATION

- Surface should be cleaned using pressurized water. Oil, grease, fuel, paraffin and cement residues should be removed, and surface should be totally free from mold release agents, sawdust, loose particles, and curing membranes.
- Large holes or gaps should be sealed with **INTERSEAL PU**.

MIXING

- **FIXPROOF PU FOAM** is mixed with a catalyst. The ratio of catalyst in the mixture varies between 0.5% and 5.0% depending upon actual humidity and temperature levels of sub-layer subject to application.

APPLICATION

- Apply using a single component injection pump.
- Increase pump pressure gradually starting from the minimum level until the desired injection level is achieved.

WATCHPOINTS

- Avoid contact with moisture before application; such an incident may provoke an early reaction.
- In order to avoid an early reaction, keep the container closed.

PACKAGING

20 lt plastic container

STORAGE AND SHELF LIFE

Store in dry and cool locations (temperatures between 5 °C - 25 °C). Shelf life is 12 months under suitable storage conditions. Once the seal is broken, use as soon as possible.

HEALTH AND SAFETY

FIXPROOF PU FOAM is classified as a dangerous substance although it does not contain any solvents. It is therefore required to take standard safety measures, and wear suitable protective gloves and clothes during application.

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