

AVINJECT 1C PU-FOAM

Hydrophilic & Solvent free low viscosity polyurethane injection system for moving & nonstructural cracks.

Application

- ❖ For sealing of water ingress between tunnel segment joints.
- ❖ Screen injection behind tunnel segments.
- ❖ For sealing Moving leaking cracks
- ❖ For waterproofing & non-man accessible sewer pipes.
- ❖ Use as a 1 component system for sealing wet & nonstructural cracks.
- ❖ Use as a 2-component system with a ratio 1:1 of water for sealing dry, moving, Nonstructural cracks.

Benefits

- ❖ Resistance to thermal movement, Excellent wet dry freeze thaw cycle without degradation.
- ❖ High tensile & bonding strength.
- ❖ Excellent chemical resistance.

Storage

- ❖ Avinject 1C pu-foam is a sensitive to humidity. Store away from frost & heat in a dry area.
- ❖ Open can shall be finished within 1 month.
- ❖ Shelf life 1 yr

How to use it

Avinject 1C PU-foam can be used as a 1 component system for inject into wet condition or as a 2-component system with as a ratio of 1:1 with water for injection into dry cracks.

Packing

Available in 25 kgs drum

Technical Data

Avinject 1C PU-Foam Uncured		
Properties	Value	Norm
Solids	100 %	EN ISO 3251
Viscosity (25°C)	~ 400 m.pa.s	EN ISO 3219
Density (20 ⁰ C)	~ 1100 kg/m ³	EN ISO 2811
Flash point	107 ⁰ C	EN ISO 2719
Colour	Yellowish brownish liquid	

Remark: Mechanical properties are given as an indication & can vary as per job site & specific condition