

ALEXGROUT PU-INJECT



Polyurethane Resin for Stopping Flow of Water

Description

ALEXGROUT PU-INJECT is a two component, water reactive, solvent free- Polyurethane foaming injection material which fill joints and cells to prevent water from passing through it.

Uses

- Concrete walls (Basement, retaining walls, abutment, etc).
- Floor and roof slabs.
- Tanks, sewage plants.
- Manholes, concrete pits.
- Water Structure.

Advantages

- Non shrink
- Non toxic, can be used in drinking water tanks.
- Durable.
- Can expand up to 20 times from its original body.
- Permanent seal for cracks.

Properties

Colour	Amber	
Pot life	AT 20°C	6 hrs
Density(component A)	AT 20°C	1-10kg/lit
(component B)	AT 20°C	0.93 kg/lit
Solid content	100%	
Elongation	44%	

Guide to application

Application:

- Remove all looses, dust, dirt surrounded the cracks.
- Drill holes in concrete with approximately distance (30cm-40cm).
- Erect a hose in concrete in holes.
- Fill surrounds holes by ALEXPLUG.
- Confirm filling the crack by getting the material from the next hole.

Mixing:

Add component (B) to component (A) and mix by using a low speed drill or by hand mixing in dry container suitable for the mixed quantity.

Standard:**Tensile strength**

ASTM D-1623

Elongation

ASTM D-1623

Shear strength

ASTM C-273

Shrinkage

ASTM D-2126

Coverage:

It depends on the volume of the crack, as a general estimation 0.5 kg for every 1 meter long of crack.

Storage:

Store in non humid shaded areas.

Packing:

Two components 20 kg packs

Guarantee:

All precaution is taken in manufacture of each product to comply with the standard of each material.

The data sheet for each product for information only and may be corrected and no liability is accepted for it.

The results may have variation because the method of their use condition under which they are applied cannot be anticipated.

Technical Service:

For any technical advice for using the **ALEXCHEM** contact the technical office.

Shelf life:

Up to 6 months if stored in unopened Containers according to the manufactured instructions.

Safety precautions:

Avoid contact with eyes, mouth, and skin.

Treat splashes to skin and eyes immediately,

If accidentally ingested seek medical attention.

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