

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

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.

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.

فرع سلطنة عمان

BRANCH Of Oman

☎ + 968 93 20 38 37

فرع مصر

BRANCH OF Egypt

☎ + 2 0122 322 3957

المملكة العربية السعودية

BRANCH Kingdom Of Saudi Arabia : Jeddah

☎ + 966 566 855 607

☎ + 966 533 558 002

VER. 2025