

# MAXCIS INJ-72

## Two Component, Polyurethane Based, Injection Resin

### DEFINITION:

- It is a flexible, polyurethane-based injection resin.
- It is solvent free.
- It prevents water leakage with its non-porous and dense cell structure.

### USAGE AREAS:

With water leakage,

- In cracks
- In cold joints
- In dilations
- In water tanks and pools
- In tunnels
- In basements



### COMPONENTS:

- A Component: Polyurethane Resin
- B Component: Catalyst

### FEATURES OF COMPONENTS:

Test Name	Unit	A Component	B Component
Chemical Structure	-	Polyurethane Resin	Catalyst
Density of Mixture (25°C)	g/cm <sup>3</sup>	1,10 ± 0,05	
Solid Content of Mixture	%	100 (by weight)	
Viscosity	mPa.s	300	

*\* The tests were carried out under laboratory conditions at 25°C. Values may vary under different temperature and humidity conditions.*

### MIXING RATIO OF COMPONENTS:

	By Weight
A Component	10 units
B Component	1 unit

### SURFACE PREPARATION:

- Packers are mounted to the surface at a 45° angle.
- Packers should be spaced 15-25 cm apart depending on the severity of water leakage.

**APPLICATION:**

- Component B is added to component A according to the desired reaction rate and mixed with a low-speed mixer until a homogeneous mixture is obtained.
- The mixture should be kept away from water and moisture.
- The prepared mixture is injected into the crack in a short time.
- Care should be taken to prepare enough mixture to be used.

**FINISHED PRODUCT FEATURES:**

	Unit	Value
Volume Increase		28-30 times

**PACKAGING:**

- Component A 20 kg/pail, Component B 2 kg/plastic bottle. Total 22 kg/set

**SHELF LIFE AND STORAGE:**

The components of MAXCIS INJ-72 are sensitive to humidity and temperature. Therefore, they should be stored in original, unopened and undamaged packages, in dry environments away from direct sunlight.

	Unit	A Component	B Component
Shelf Life	month	12	12
Storage Temperature	°C	15-25	15-25

**WARNING:**

- Before using the product, read the MSDS form carefully and follow the written instructions.
- Personal protective equipment should be used during application.
- There must be sufficient air circulation in the application area.
- Give empty buckets to organizations authorized to collect hazardous waste.