



PROPOL INJECTION 615

*Polyurethane Based Low Viscosity
Flex Injection Product*

PRODUCT DESCRIPTION:

It is a two-component, flexible, low-viscosity, closed-cell injection resin that reacts with water.

FEATURES:

It cuts water by reacting with water.

Does not contain solvent.

Easy to apply.

Resistant to weak acids, micro-organisms, alkali and water.

PRODUCT INFORMATION:

Chemical Structure Polyurethane Based

PERFORMANCE:

(23°C, 50% RH)

A Component:

Feature	Unit	Value
Density 23 +2°C	g/ml	1.13 ± 0.02
Viscosity 23+ 2°C	cp	200
Appearance	Visible	Transparent Liquid
Colour	Visible	Light Yellow

B Component:

Feature	Unit	Value
Density 23 +2°C	g/ml	0.98 ± 0.02
Viscosity 23+ 2°C	cp	15
Appearance	Visible	liquid
Colour	Visible	Light Yellow

These values have been obtained as a result of laboratory experiments and are valid for the performance of the finished applications at the end of the full drying period. Since the temperature and humidity values in the construction site environment and the application surfaces and areas will vary, the values may change.



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USAGE AREAS:

Foundation
Curtains
Retaining Walls
Dams
Waste Water Plants
Cracked Walls

APPLICATION INSTRUCTIONS:

Surface; It should be cured, dry and solid, residues such as loose surfaces, mortar, concrete pieces should be cleaned and a solid surface should be reached. All free particles in the cracks and joints in the area to be injected should be cleaned. Cracks larger than 3mm should be closed with suitable repair materials. The locations of the packers are determined according to the region and situation where the leak comes from. Packers (injectors) are placed at an angle of 45 degrees. Packers should be driven at a distance of half the thickness of the reinforced concrete. The distance between the packs can be between 15 cm and 90 cm. The inside of the holes should be cleaned of dust.

Before starting the application of the A and B components, the packages are heated at 400 rpm until they have a homogeneous consistency. should be mixed with a rotary mixer.

It is applied to the prepared packers with an injection pump. Application pressure varies between 14 and 200 bar. The application should be started from the first pack. Starting at low pressure, the pressure is increased until the resin begins to overflow. After the resin overflow, it should be switched to the other pack. In the injection application, the resin injected from all packers will overflow from the leaking cracks in the reinforced concrete. After this process, the application is terminated.

LIMITATIONS:

Please obey to the application instructions to obtain optimum quality. It should not be applied in very high temperature, direct exposure to sunlight, very windy, rainy weather. Application should not be made on surfaces where there is danger of frost at the time of application. It should be taken into account that the pot life and drying time will be shortened at high temperatures and extended at low temperatures. The application should be done between +5 C and +25 C. It should not be applied at temperatures below 5°C. The mixture that has started to gel should not be applied. Mixing should not be done other than the specified mixing ratio.



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CONSUMPTION:

About 0.100 per 1 L of Cavity

PACKAGING:

A: 10KG Tin Packing

B:1 KG Tin/Plastic Packing

SHELF LIFE:

It is 1 year from the date of production in its original packaging in dry and non-humid (temperature between +5 C and +25 C) environments. The lid of the containers should be tightly closed when not in use. It should be kept away from moisture.

STORAGE CONDITIONS:

It should be stored in its unopened original package, in a moisture-free, dry and cool (temperature between +5 C and +25 C) environment. It should not be left under direct sunlight.

SECURITY:

Avoid contact with skin and eyes. Use protective gloves, goggles, mask and clothing. In case of eye contact, seek medical advice immediately. Keep out of reach of children. Avoid skin contact. Do not swallow. Keep away from flame sources. For detailed information and recommendations, please refer to the Safety Data Sheet.

DEKOSTAR San.ve Tic.Ltd. Şti. is not responsible for any application errors that may occur if the product is used for purposes other than its intended use or if the above-mentioned application conditions and recommendations are not followed. Dekostar reserves the right to change its products. Users should consider the latest edition of the Technical Data Sheet of the relevant product.