

# 615 PROPOL INJECTION



## *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 reacts with water and cuts the water.  
Does not contain solvents.  
Kolay uygulanır.  
It is resistant to weak acids, microorganisms, alkali and water.

### PRODUCT INFORMATION

Chemical Structure : Polyurethane Based

### PERFORMANCE

(23°C, 50% Relative Humidity)

#### A component:

<i>Feature</i>	<i>Unit</i>	<i>Value</i>
Intensity 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:

<i>Feature</i>	<i>Unit</i>	<i>Value</i>
Intensity 23 ± 2°C	g/ml	0,98 ± 0,02
Viscosity 23 ± 2°C	cp	15
Appearance	Visible	liquid
Colour	Visible	Light Yellow

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

### USAGE AREAS :

Fundamentals , curtains ,retaining walls  
dams , wastewater plants , cracked walls



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## **APPLICATION INSTRUCTIONS**

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

Before applying A and B components, the packages are heated at 400 rpm until they reach a homogeneous consistency. It should be mixed with a rotating mixer.

It is applied to the prepared packs with an injection pump. Application pressure varies between 14 and 200 bar. Application should start from the first pack. Starting with low pressure, the pressure is increased until the resin begins to overflow. After the resin overflows, you should move on to the other package. 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**

To obtain optimum quality, please adhere to the application instructions. Application should not be made in very high temperatures, direct exposure to sunlight, very windy or rainy weather. Application should not be made on surfaces that are at risk of frost at the time of application. It should be taken into consideration that pot life and drying time will shorten at high temperatures and extend at low temperatures. Application should be made between +5 C and +25 C. Application should never be made at temperatures below 5 C. The mixture that has started to gel should not be applied. Mixture should not be made other than the specified mixing ratio.

## **CONSUMPTION**

Approximately 0.100 Kg for 1 Lt Space

## **PACKAGING**

A:10 KG Tin Packaging

B:1 KG Tin/plastic Packaging

## **SHELF LIFE**

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

## **STORAGE CONDITIONS**

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



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## **SAFETY**

Avoid contact with skin and eyes. Use protective gloves, glasses and clothing. In case of eye contact, rinse with plenty of water and consult a doctor immediately. Keep out of reach of children. In case of skin contact, wash with plenty of water and soap. Do not swallow. For detailed information and recommendations, please refer to the Safety Data Sheet .

## **LEGAL NOTES**

*Our technical data sheet is DEKOSTAR LTD., which has a wide range of usage areas. ŞTİ. It has been prepared to give general information about the products and to show the technical features of the products. It is a recommendation and this information is about the correct application, ground, air, equipment, etc. It is valid under the conditions and when the products are stored under the recommended conditions.*

*DEKOSTAR LTD. ŞTİ. Since it cannot control the conditions under which its products are used, it does not accept any responsibility for the application result and does not guarantee it. The user of the product must test the suitability of the product before using it.*

*DEKOSTAR San. will be liable for application errors that may occur if the product is used for purposes other than its intended purpose or if the application conditions and recommendations stated above are not followed. and Tic. Ltd. Ltd. is not responsible and has the right to change the features of its products without notice. Users should always refer to the latest edition of the Product Technical Data Sheet for the relevant product.*



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