



CRACK EPO 816

Epoxy Based Low Viscosity Injection Resin

DESCRIPTION:

It is a two component, low viscosity and injection resin which can be used in reinforcement applications.

ADVANTAGES:

It is a strong binder.

Fast results.

Solvent free.

Easy to apply.

It is resistant to weak acids, micro-organisms, alkali and water.

USAGE AREAS:

Foundations.

Veil.

Retaining walls.

Dams.

Waste water plants.

Reinforcement manufacturing of cracked walls.

TECHNICAL SPESIFICATION :

(23 °C Temperature and 50 % for relative humidity)

A Component :

Color : Transparent - Yellow

Density 20°C : 1,1 gr/cm³

Application Temperature : +5 - +30 °C

Solid Ratio : %100

Total Curing Time :28 days

Shelf Life : 12 months

B Component :

Color : Transparent-Yellow

Density 20°C : 1,1 gr/cm³

Application Temperature :+5 - +30 °C

Shelf Life : 12 months

***These values were obtained as a result of laboratory tests, just contain finished applications according to drying time performance. Due to differences in temperature and humidity values in the construction site, the values may change.

APPLICATION METHOD:

Surface Preparation:

The surface; must be cured, dry and durable. Loose surface mortar and such as residues should be cleaned and reached durable surface.

All cracks and joints in the area to be injected should be cleaned.

All cracks must be sealed by applying one of the products DAYMAN BOND 860, DAYMAN BONDEPO 859, DAYMAN BOND EPO PRO 857.



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The packers (injectors) are placed at an angle of 45 degrees.

The packers should be installed at a distance of half the thickness of the reinforced concrete.

The distance between the packers can be between 15 cm and 90 cm.

The dust which inside of the holes should be cleaned.

Preparation Of The Mixture:

Before starting A and B components, should be mixed 400 rpm in its own pack until they reach homogeneous consistency.

Application:

The prepared packers is applied by injection pump.

The application pressure can be vary between 14-200 bars.

The application should be starter from the first packer.

It starts with low pressure to high pressure until the resin overflow.

After the resin overflow should be followed the next packer.

After this application the work is done.

ISSUES TO BE CONSIDERED:

Temperature should be between +5 °C and +35 °C during the application.

CLEANING OF INSTRUMENTS:

CRACK EPO – 816 should be cleaned by water when it wet.

CRACK EPO – 816 after become dry should be cleaned by the mechanical ways.

CONSUME:

For 1 lt.gap approx. 1 kg.

PACKING:

A component 10, 00 kg.

B component 5, 00 kg.

COLOR:

Transparent

SHELF LIFE:

1 year from the production date under proper storage conditions.

CRACK EPO - 816 should be stored at temperatures between 5 ° C and 25 ° C.

SAFETY RECOMMENDATIONS:

Wear suitable protective clothing, protective gloves, goggles and mask during application.



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Do not smoke during application and work in well-ventilated areas away from naked flames.

Hands and eyes must be protected with gloves and protective glasses. In case of contact with material, wash eyes with plenty of water rinse and consult a doctor immediately.

No food or beverage should be allowed in the application area.

Store out of reach of children.

For more information please check the Material Safety Data Sheet.

LIMITATIONS OF LIABILITY:

The information in this technical data sheet is given according to technical information, experience and test result.

As GENERALTÜRK A.Ş. cannot control the usage of the product that used under which kind of conditions, it does not accept any responsibility for the application result and does not guarantee it.

The product suitability for the product user should be tested and decided accordingly.

All products should be considered in the advice of those technical knowledge and equipment.

GENERAL TURK A.Ş can not accept any responsibility that occurs because of miss-use, it only responsible for the written suggestions that shows the products where and how use.

GENERALTÜRK A.Ş. It may change the properties of its products without announcement.

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