



## CERA EPO 915

Epoxy based, two component, chemical resistant, ceramic adhesive joint filler product

### DESCRIPTION:

Epoxy based, two component, chemical resistant, ceramic adhesive joint filler product.

### ADVANTAGES:

Available use for indoor - outdoor.  
Available use heavy traffic.  
Available use for swimming pools.  
Easy and fast preparation.  
Has high mechanical and chemical resistance.  
Silicone additive.  
Excellent adherence.  
Resistant to freezing and thawing cycles.  
It can be used safely in large size ceramics.

### USAGE AREAS:

Available use for ceramic, tile, glass mosaic, marble and etc.

#### **Indoor Applications:**

Bath, WC, kitchen, wet areas.

Floor.

Wall.

Swimming Pools.

#### **Outdoor Applications:**

Balcony and Terrace.

Exterior Walls.

Swimming Pools.

### TECHNICAL SPESIFICATION :

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

**Density** : 1,70 kg/dm<sup>3</sup>

**Applicable Joint Gap** : 2 mm – 10mm

**Compressive Strength** : ≥ 45,00 N/mm<sup>2</sup>

**Bending Strength** : ≥ 30,00 N/mm<sup>2</sup>

**Heating Strength** : (-10°C) - (+70°C)

**Adherence** : ≥ 2,50 N/mm<sup>2</sup>

**Pot Life** : 45 minutes

**Working Time** : 45 minutes

**Opening to reuse** : 24 Hour

\*\*\*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.

In case of the necessity the surface should cleaned mechanically.

Oil, grease, dirt, paint, salt and vomiting that prevent adhesion should be removed.



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If there are segregation, pits and fractures on the surface, it should be repaired with the repair mortar prepared by mixing with DAYMAN BOND EPO PRO857 and CERA EPO 915, DAYMAN EPO GROUT or DAYMAN EPO MORTAR the mixed mortar should be applied at least 24 hour before.

#### Preparation Of The Mixture:

Before starting A and B components, should be 400 rpm until they reach homogeneous consistency.

#### **As Adhesive:**

CERA-EPO - 915 joint trowel is applied to the surface with hard rubber tipped mop in 45 minutes.

The tiles should be placed on the adhesive as leaving a joint gaps.

In order to get the best result from the application, the tiles should be placed well with the rubber hammer and the air should be out.

Proper application for the thickness is 2 mm.

#### **As Joint Filler:**

CERA-EPO - 915 joint trowel is applied to the surface with hard rubber tipped mop. All joints should be filled without gaps during the application, should be applied with

cross-circular movements, all gaps should be filled.

In order to avoid collapse and cracking in deep joints, should be done 2-step application.

Excess materials should be peeled off the surface in the same way.

After waiting 20-40 minutes, the remaining products are cleaned with a warm and soapy sponge and leave the surface as it beginning.

The application sponge should be changed frequently.

The residues on the ceramic are cleaned again with hot soapy water after about 6 hours

#### ISSUES TO BE CONSIDERED:

Temperature should be between +10 °C and +30 °C during the application.

Do not apply on surfaces that are at risk of frost.

In addition, it should not be applied in extremely hot, rainy or windy weather.

These conditions can make shorter the working time.



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The expired or crusted mortar in the bucket should not be used and should be disposed of.

Wash the hands and used instruments with plenty of the water after the application.

The surface that remained adhesive should be cleaned by wet rag.

It should prevent from direct water contact and pedestrian traffic in 24 hours.

### CLEANING OF INSTRUMENTS:

DAYMAN EPO –915 should be cleaned by water when it wet.

DAYMAN EPO - 915 after become dry should be cleaned by the mechanical ways.

### CONSUME:

Various, please check joint consume schedule.

### PACKING:

5, 20 kg. craft bag

80x120 pallet dimension

72 qty.on pallet

### COLOR:

Grey-White

### SHELF LIFE:

1 year from the production date under proper storage conditions.

### SAFETY RECOMMENDATIONS:

Wear work clothes, protective gloves, glasses and masks should be used during application.

As it cement based, do not breath and do not touch with skin and eyes,

Due to the irritating effects of the cured materials, skin and eyes should not be contacted, in case of contact with wash plenty of water and soap, if swallowed seek medical attention immediately.

Food and beverage materials should not be kept in the application area and should not be eaten.

Store out of reach of children.

This product packaging must be disposed of in accordance with applicable laws.

This responsibility is belong the end user.

For more information please check the Material Safety Data Sheet.



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### **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.

The technical data sheet is valid until the next time it is printed and all previous technical data sheets invalidate the description / January 2020