



## **EPO PR 863**

**Epoxy based, two components, low viscosity and high strength primer product**

### **DESCRIPTION:**

Epoxy based, two components, low viscosity and high strength primer product.

### **ADVANTAGES:**

Solvent free.  
Easy application.  
Excellent adhesion with absorbent surfaces.  
Dry in a short time.  
It perfectly covers the surface as homogeneously.  
Fast application  
Creates a glossy film.  
Resistant to general cleaning chemicals.  
Can be used with all epoxy application as a primer.

### **USAGE AREAS:**

In and out applications,  
Mall and shopping centers,  
Protection cover in industrial surface systems,  
Sewage and waste facilities,  
Car park and pedestrian streets,  
Paper pulp and paper facilities,  
Used as a primer for PU and epoxy systems.

### **TECHNICAL SPESIFICATION :**

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

**Color** : Transparent

**Density 20°C**: 1,1 gr/cm3

**Mixing Ratio** : 2 / 1 weight

**Flash Point** : >60 °C

**Application Temperature** : +5°C +30°C

**Heat Resistance** : 121 °C Dry

**Compressive Strenght** : ~ 95 N / mm<sup>2</sup>

**Bending Strenght** : ~ 30 N / mm<sup>2</sup>

**Adherance (Concrate)** : >1,5 N / mm<sup>2</sup>

**Shelf Life** : 12 months

**Consume** : 0,200 – 0,500 Kg /m<sup>2</sup>

**Solid Content** : %100

**Pot Life** : 30 minutes (20°C de)

**Dry Time** : 6 hours

**Coating Again** : 8-24 hours

**Total Dry** :7 days

\*\*\*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.



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### 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 be cleaned mechanically

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

If there are segregation, pits and fractures on the surface, it should be repaired with repair mortar prepared by mixing with sand with **DAYMAN EPO MORTAR, EPO - GROUT or EPO - SAND.**

Floor humidity must be max. 5 %.

On the moisture surfaces should be used **DAYMAN EPO - PR WT.**

#### Preparation Of The Mixture:

Must be ensure that the temperature of the product is between +15°C to +25°C before the mixing.

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

It should be mixed with a speed mixer.

Mixed A + B should be mixed by a 400 rpm low speed mixer for a few minutes until it

reaches a homogenous consistency to make ready the primer for the application. Remain parts of the mixing bowl and spread part of the product should be added in to mixing

The mixed product should be transferred to cleaned bowl when it ready and should re-mixed.

Pot life of the mixed product is 25°C'de 45 minutes.

High temperatures will make shorter the pot life of the mixed product, low temperatures will make longer.

#### Application:

Ready product should be applied by roll, brush and trowel.

Mixed product should be used before the pot life.

The expired, gelling mixture should not be used and should be disposed of.

### ISSUES TO BE CONSIDERED:

The product is ready in sets and should not be divided and the eye decision and mixed.

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

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



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

Ensure that the ambient and floor temperature is between 5 ° C and 30 ° C.

Products should be stored at room temperature 24 hours before use.

In cold weather, the reaction will slow down due to the increase in viscosity and the application time will be longer,

the consumption will increase. Therefore, it is the most suitable temperature range between 20 ° C and 25 ° C for easy application of environment and products.

At high temperatures, the reaction and application time interval will be accelerated.

After the application, it should be protected from rain, water, frost and negative external factors for 24 hours.

#### CLEANING OF INSTRUMENTS:

DAYMAN EPO PR 863 should be cleaned by solvent when it wet.

DAYMAN EPO PR 863 after become dry should be cleaned by the mechanical ways.

#### CONSUME:

0,300 - 0,800 kg / m<sup>2</sup> depending on surface absorbency.

#### PACKING:

A+B component: 17, 00 kg

Pallet 120x80

Qty on pallet 18 set – 36 Bin

#### COLOR:

Transparent-Xanthic

#### SHELF LIFE:

1 year from the production date under proper storage conditions.

Should be storage between the temperature of the DAYMAN EPO - PR 863 5 °C with 25° C

#### SAFETY RECOMMENDATIONS:

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

Hands and eyes should be protected by protection equipment.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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



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It should be known that the solvent is heavier than air, so remember that it will be on the ground.

Store out of reach of children.

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

This responsibility rests with the end user of the product.

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.

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

 <b>2765</b>	
<b>GENERALTURK TEKNİK YALITIM KİMYA END. SAN. TİC. A.Ş.</b> YUNUSULİ MH. 15. YAVUZ SK. NO: 21 OSMANGAZİ - BURSA / TÜRKİYE <b>20</b>	
<b>2765 - CPR - 0157 EN 1504 - 2</b>	
<b>EPO PR 863</b>	
<b>PRODUCTS AND SYSTEMS FOR THE PROTECTION AND</b>	
<b>Principle 1 (PI): Protection against Ingress, Method 13. Coating ©</b>	
<b>Principle 2 (MC): Moisture Control, Method 2.2 Coating ©</b>	
Density 20°C	1,1 gr/cm3
Application Temperature	: +5°C +30°C