

## EPO SELF 854

**Epoxy based, two components, curing chemically, solvent free, self-leveling epoxy top coat**

### DESCRIPTION:

Epoxy based, two components, curing chemically, solvent free, self-leveling epoxy top coat.

### ADVANTAGES:

High resistant to chemicals.  
Solvent free  
Easy application  
High resistant for mechanics.  
Dry in a short time.  
It perfectly covers the surface as homogeneously.  
Fast application

### USAGE AREAS:

Indoor applications,  
Food production facilities,  
Warehouse and facilities,  
Mall and shopping centers,  
Protection cover in industrial surface systems,  
Sewage and waste facilities,  
Paper pulp and paper facilities.

### TECHNICAL SPESIFICATION :

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

**Color** : Vary - please contact

**Density 20°C:** 1,7 gr/cm3

**Mixing Ratio** : 4 / 1 weight

**Flash Point** : >90 °C

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

**Heat Resistance** : 121 °C Dry

**Compressive Strenght** : ~55 N / mm<sup>2</sup>

**Bending Strenght** : ~ 25 N / mm<sup>2</sup>

**Absorbing Resistance** : Taber :70mg

**Hardness Shore D** : 80

**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

**VOC** :31 g/l

**Pot Life** : 40 minutes (20°C de)

**Dry Time** : 10 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.

#### 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 DAYMAN EPO SELF 854 for the application.

Remain parts of the mixing bowl and spread part of the product should be added in to mixing.

Also according to the selected system, 0.1-0.3 mm dry silica sand can be used by mixing 30%.

Pot life is 0 minutes in 25°C.

While the higher temperatures decreasing the pot life the lower temperatures increase.

#### Application:

It is spread on the ground with a toothed trowel to obtain the specified thickness.

The coating spread to the floor, when it reaches the appropriate consistency depending on the temperature, apply with the spiked roller to take possible air.

Wait for a minimum of 4 days before using.

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

Should be used before the pot life is expire.

### 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.

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



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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 SELF 854 should be cleaned by solvent when it wet.

DAYMAN EPO SELF 854 after become dry should be cleaned by the mechanical ways.

### CONSUME:

0,500 - 2, 00 kg/m<sup>2</sup>. depending on surface absorbency.

### PACKING:

A+B component: 20, 00 kg

### COLOR:

Various – please contact

### SHELF LIFE:

1 year from the production date under proper storage conditions.

Should be storage between the temperature of the DAYMAN EPO – SELF 854 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.

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

## EPO SELF 854

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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> YUNUSELİ MH. 15. YAVUZ SK. NO: 21 OSMANGAZİ - BURSA / TÜRKİYE <b>20</b>	
<b>2765 - CPR - 0157 EN 1504 - 2</b>	
<b>EPO SELF 854</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	1,7 gr/cm3
Application Temperature	: +5°C +30°C