

EPO PAINT TX 853

Epoxy based, two components, chemically curing, solvent free orange peel patterned epoxy topcoat

DESCRIPTION:

Epoxy based, two components, chemically curing, solvent free orange peel patterned epoxy topcoat.

ADVANTAGES:

Orange peel appearance,
High chemical resistance,
Solvent-free.
Easy to apply.
It has high mechanical strength.
Dries in a short time.
It perfectly covers the surface homogeneously.
It is applied fast.

USAGE AREAS:

In and out applications,
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 : Transparent

Density 20°C: 1,7 gr/cm3

Mixing Ratio : 20 / 3 weight

Flash Point : >90 °C

Application Temperature : +5°C +30°C

Heat Resistance : 121 °C Dry

Compressive Strenght : ~55 N / mm²

Bending Strenght : ~ 25 N / mm²

Absorbing Resistance : Taber :70mg

Hardness Shore D : 80

Adherance (Concrate) : >1,5 N / mm²

Shelf Life : 12 months

Consume : 0,200 – 0,800 Kg /m²

Solid Content : %100

Pot Life : 40 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.

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 DAYMAN EPO PAINT 853 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 30 second.

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

Application:

The surface must be primed with proper primer before the application.

It should not be over than 24 hours after the priming process.

It should be spread by trowel in order to have specified thickness.

The surface is scanned with coral roller (texture roller) to give the desired texture on the last layer.

Should be waited minimum 4 days before service.

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.

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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.

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 PAINT TX - 853 should be cleaned by solvent when it wet.

DAYMAN EPO PAINT TX – 853 after become dry should be cleaned by the mechanical ways.

CONSUME:

0,500 - 0,800 kg / m² depending on surface absorbency.

PACKING:

A + B component: 20, 00 kg

Pallet 80x120

Qty on pallet 18 set 36 bin

COLOR:

Various ral codes.

SHELF LIFE:

1 year from the production date under proper storage conditions.

Should be storage between the temperature of the DAYMAN EPO PAINT 853 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.

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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.

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

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GENERALTURK TEKNİK YALITIM KİMYA END. SAN. TİC. A.Ş. YUNUSLİ MH. 15. YAVUZ SK. NO: 21 OSMANGAZİ - BURSA / TÜRKİYE 20	
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EPO PAINT TX 853	
PRODUCTS AND SYSTEMS FOR THE PROTECTION AND	
Principle 1 (PI): Protection against Ingress, Method 13. Coating ©	
Principle 2 (MC): Moisture Control, Method 2.2 Coating ©	
Density 20°C	1,7 gr/cm3
Application Temperature	: +5°C +30°C