

EPO MORTAR 855

Epoxy based, solvent free, coarse gravel, high resistant repairmen mortar.

DESCRIPTION:

Epoxy based, solvent free, coarse gravel, high resistant repairmen mortar.

ADVANTAGES:

Very high adherence.
Fast and easy preparation.
Does not do shrinkage cracks.
Provides the needed performance in a line.
Fast and easy application.
Can be used in structural repairs.

USAGE AREAS:

Concrete surfaces repairmen.
Repair of the places such as plant, warehouse, hospital etc.
As floor covering for high resistance floors.
In the installation of dilatation profiles.
In order to obtain a solid surface in the gross concrete.
Creation of corner chamfers.
Can be used on epoxy flooring and pre-waterproof floor preparation.

TECHNICAL SPESIFICATION :

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

Conventional Mass per Volume: 2,00
kg/dm³

Compressive Strenght 7 days : ≥ 70

N/mm²

Bending Strenght 7 days : ≥ 25 N/mm²

Adherance : 2,05N/mm²

Application Time : 40 minutes

Pre Setting Time : 24 Hours

Total Curing Time : 7 days

Heat Resistance : -20 °C +70°C

Application Temperature: +5°C +35°C

***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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Preparation Of The Mixture:

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 for the application.

Application:

If DAYMAN EPO PR 850 primer is to be applied on the floor, after the application, it should be repaired when wet.

EPO MORTAR can be applied with a trowel or spatula.

Min.4 mm max.50 mm can be applied.

Thick applications can be applied in 2 -3 layers.

Wait until complete drying between coats.

The prepared product should be used within 40 minutes.

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

ISSUES TO BE CONSIDERED:

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.

The time period, can be vary according to temperature and moist conditions.

CLEANING OF INSTRUMENTS:

DAYMAN EPO MORTAR 855 should be cleaned by solvent when it wet.

DAYMAN EPO MORTAR 855 after become dry should be cleaned by the mechanical ways.

CONSUME:

2,00 kg/m².

PACKING:

A Component 2,00 kg. metal box

B Component 1,00 kg. metal box

C Component 22,00 kg.bag

COLOR:

Yellow – Sand Color

SHELF LIFE:

1 year from the production date under proper storage conditions.

Opened packages should be kept tightly closed.



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

SAFETY RECOMMENDATIONS:

As cured materials has irritating effect, do not touch with skin and eyes, in case of any contact rinse with soap and plenty of water, in case of any swallow see doctor urgently.

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 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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 2765	
GENERALTURK TEKNİK YALITIM KİMYA END. SAN. TİC. A.Ş. YUNUSELİ MH. 15. YAVUZ SK. NO: 21 OSMANGAZI - BURSA / TÜRKİYE 20	
2765 - CPR - 0158	
EN 1504 - 3	
EPO MORTAR 855	
PRODUCTS AND SYSTEMS FOR THE PROTECTION AND REPAIR OF CONCRETE STRUCTURES	
Principle 3 Concrete restoration, Method 3.1 Applying mortar bay hand	
Principle 3 Concrete restoration, Method 3.2 Recasting ith concrete	
Principle 4 Structural strengthening, Method 4.4 Adding mortar or concrete	
Principle 7 Preserving or restoring passivity, Method 7.1 Increasing cover to reinforcement with mortar or concrete	
Principle 7 Preserving or restoring passivity, Method 7.2 Replacing contaminated concrete	
Adherance☑	2,05N/mm ²
Heat Resistance	:-20 °C +70°C