

EPO GROUT 858

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

DESCRIPTION:

Three component epoxy based, solvent free, liquid, high resistant, quick set grout mortar.

ADVANTAGES:

No need plaster.
Very high adherence.
Fast preparation and application.
Self Levelling due to homogeneous property.
No shrinkage and shrinkage cracking.
Easy application.

USAGE AREAS:

It is used to fix turbines and fill in RES switchboard.
Suitable for industrial usage.
To fix the machine feet.
To fix the steel columns.
In the assembly of prefabricated concrete building elements.
Repair of the concrete surfaces.
Filling of the holes on the concrete.

TECHNICAL SPESIFICATION :

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

Conventional Mass per Volume: 1,90

kg/dm³

Compressive Strength 28 days : ≥ 80

N/mm²

Bending Strength 28 days : ≥ 30

N/mm²

Adherence : 4,00N/mm²

Application Time : 20

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.



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In case of the necessity the surface should be cleaned mechanically

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

The percent of the moist must be under 4 % before the application.

Preparation Of The Mixture:

Mixed A + B should be poured in a clean bucket and mixed 2 minutes by low speed mixer, then add the C component on the ready mix. Finally use 400-600 rpm mixer until it reaches a homogenous consistency to make ready for the application

Application:

The product should be poured and applied with a trowel or spatula.

Thick applications can be applied in 2 -3 layers.

Wait until complete drying between coats.

The prepared product should be used within 20 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.

The product should be protected from rain, frost and negative outdoor conditions till it is cured.

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

CLEANING OF INSTRUMENTS:

DAYMAN EPO GROUT 858 should be cleaned by solvent when it is wet.

DAYMAN EPO GROUT 858 after becoming dry should be cleaned by mechanical ways.

CONSUME:

1, 85 kg/m² for 1 mm thickness.

PACKING:

A+B+C component: 15, 00 kg- set

100x100 pallet dimension

36 qty. on pallet

COLOR:

Grey

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	
GENERALTÜRK TEKNİK YALITIM KİMYA END. SAN. TİC. A.Ş. YUNUSELİ MH. 15. YAVUZ SK. NO: 21 OSMANGAZİ - BURSA / TÜRKİYE 20	
2765 - CPR - 0158	
EN 1504 - 3	
EPO GROUT 858	
PRODUCTS AND SYSTEMS FOR THE PROTECTION AND REPAIR OF CONCRETE STRUCTURES	
Principle 3 Concrete restoration, Method 3.1 Applying mortar by hand	
Principle 3 Concrete restoration, Method 3.2 Recasting with 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	
Adherence☐	4,00N/mm ²
Heat Resistance	: -20 °C +70°C