



REPAIR 904

Cement based, polymer modified, has high performance, high strength, resistance to sudden temperature changes, fine grained surface repair mortar.

DESCRIPTION:

Cement based, polymer modified, has high performance, high strength, resistance to sudden temperature changes, fine grained surface repair mortar.

ADVANTAGES:

Easy and quick to prepare.
High adherence.
Can be used in structural repairs.
Does not shrink
Provides high resistance to freeze-thaw cycle.
No shrinkage and shrinkage cracking.
It gives the desired performance in one layer.

USAGE AREAS:

Repairs,
Repair of concrete surfaces,
When filling rod holes,
Forming corner chamfers,
It can be used in floor preparation before waterproofing.

TECHNICAL SPESIFICATION :

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

Mix Density : 1700 kg/m3

Adherance : 2,1 N/mm²

Application Thickness : 1mm- 10 mm

Workable Time : ~ 45 mint

Final Curing Time: 28 Days

Comressive Strenght 28 days : >40

N/mm²

Temperature Strenght: -20 °C +400°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.

If necessary, the surface should be cleaned mechanically.

Remove oil, grease, dirt, paint, and salt desorption from adhesion.

The floor should be moistened before application, but should not be allowed to water ponding.



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Preparation Of The Mixture:

Pour 4,5-5 liters of clean water into an empty, clean bucket, and slowly replenish REPAIR - 904 and mix with a low speed mixer at 400 rpm until no lumps remain. Allow the mortar to rest for 5-10 minutes to mature. Mix again for 30 seconds before application. Using DAYMAN LATEX - C 502 while preparing the product will increase the strength of the product and increase the abrasion resistance.

Application:

The prepared mortar is applied with suitable equipment. Min. 1 mm Max 10 mm thickness should be applied. Thick applications should be applied in 2 -3 coats. Wait until complete drying between layers. The prepared product should be used within 2-3 hours. Expired mortar should be disposed of.

ISSUES TO BE CONSIDERED:

The surface temperature during application should be between +5 °C and +35 °C, Do not apply on surfaces that are at risk of frost,

The product must be protected from rain, water, frost and the other external factors until curing.

This time may vary according to temperature and humidity.

CLEANING OF INSTRUMENTS:

DAYMAN REPAIR - should be cleaned by water when it wet. DAYMAN REPAIR after become dry should be cleaned by the mechanical ways.

CONSUME:

1,70 kg/ dm³

PACKING:

Powder 25, 00 kg. Craft bag
120x80 pallet dimension
54 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 it cement based, do not breath and do not touch with skin and eyes,

Due to the irritating effects of uncured materials, skin and eyes should not be contacted, in case of contact with wash plenty of water and soap, if swallowed seek medical attention immediately.

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.

The responsibility of the disposing is under end user.

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 OSMANGAZİ - BURSA / TÜRKİYE 20	
2765 - CPR - 0158	
EN 1504 - 3	
REPAIR C 904	
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	
Mix Density	1,70 kg/dm ³
Adherence ²	1,00N/mm ²