



D-GROUT 901

Cement based, polymer modified, high performance, high resistance waterproof liquid grout mortar

DESCRIPTION:

Cement based, polymer modified, high performance, high resistance, resistant to sudden temperature changes, waterproof liquid grout mortar.

ADVANTAGES:

Very high adherence,
Easy and fast preparation,
Does not do shrink crack,
Easy and fast application,
Provides a high level of resistance in the freeze-thaw cycle.
It is a waterproof product because of low ratio of cement&water.

USAGE AREAS:

In the RES switchboard to fix and fill the tribune works.
Installation of manhole covers,
In the manufacture of curtains and columns and pile heads,
Fixing of the machine feet,
At the fixed point of the steel columns,
In the assembly of prefabricated concrete building elements,
In the repair of concrete surfaces,
It can be used to fill the vacant spaces

TECHNICAL SPESIFICATION :

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

Mix Density : 2,20 kg/dm³

Compressive Strenght 28 days : ≥ 70

N/mm²

Bending Strenght 28 days : $\geq 7,0$ N/mm²

Adherance : 2,0 N/mm²

Application Thickness: 10mm 45 mm

Total Curing Time :28 days

Time to Service Opening : 24 hours

Heat Resistance : -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.

In case of the necessity the surface should cleaned mechanically



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

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

Preparation Of The Mixture:

Pour 4,0 liters of clean water into an empty, clean bucket, and slowly replenish D-GROUT 901 and mix with a low speed mixer at 400 rpm until no lumps remain. Wait 5 minutes to mature of the screed. Before starting the application mix again for 30 second.

Application:

Prepared mortar is applied with suitable equipment.

The area to be cast must be molded. Create an area where air gaps can be removed.

The mold must be installed in a way to prevent water leakage.

The mold must be filled on one side without interruption, thus preventing air formation in the mold.

Air bubbles may prevent surface contact and weaken adherence.

Due to its rapid setting, the mortar, which is prepared should be applied without waiting.

The mortar should swelled with iron bar in order to settle well.

Due to the expansion properties of the product, the process should be completed within 3-5 minutes in order to have maximum benefit.

Min. 10 mm Max 45 mm thickness should be applied.

Thick applications should be applied in 2 -3 coats.

Wait until complete drying between coats.

The expired mortar should be disposed

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 product should protected from rain, frost and negative out conditions till it cured.

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

CLEANING OF INSTRUMENTS:

DAYMAN D-GROUT 901 should be cleaned by water when it wet.

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DAYMAN D-GROUT 901 after become dry should be cleaned by the mechanical. ways.

CONSUME:

1, 85 kg/dm³ for 1 mm.thickness.

PACKING:

In a craft bag: 25, 00 kg

80x120 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.

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.

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-




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use, it is only responsible for the written suggestions that show the products where and how to 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

	
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	
D-GROUT 901	
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	2,20 kg/dm ³
Adherence ²	2,00 N/mm ²