

520 PROGROUT



Cement Based High Strength Grout Mortar

PRODUCT DESCRIPTION

It is a cement-based, high-strength, non-shrinking, flowable polymer-modified grout mortar.

FEATURES

It is single component, mixed with water and poured.

It is fluid and saves time and labor.

It does not cause shrinkage and shrinkage cracks. It does not cause decomposition or water vomiting. It can be pumped or poured.

Does not contain solvents or asbestos Resistant to freezing and thawing

It has high abrasion resistance. It protects steel reinforcement against corrosion.

PRODUCT INFORMATION

Chemical structure : Cement Based

Appearance/Color : Powder/Gray

PERFORMANSCE

(23°C, 50% Relative Humidity)

| | | |
|---------------------------------------|------------------------------|---------------|
| Void Unit Volume Mass of Fresh Mortar | 1350 ± 200 kg/m ³ | TS EN 1015-6 |
| Compressive Strength 28 days | 60 N/mm ² | TS EN 1015-11 |
| Flexural Strength 28 days | 9 N/mm ² | TS EN 1015-11 |
| Capillary Capillary Water Absorption | 0,5 gr | TS EN 1015-18 |

These values were obtained as a result of laboratory experiments carried out in our company and are valid for the performance of finished applications at the end of the full drying period. The values may change as the temperature and humidity values in the construction site environment and the application surfaces and areas will vary.

USAGE AREAS

In all areas, interior and exterior; It is used in fixing steel columns to the foundation, in the assembly of machine foundations, in the assembly, repair and elevation of manhole beds, in concrete repair, in the repair of concrete floors exposed to traffic, in the fixing of turbines in RES power plants, in the assembly of prefabricated concrete structural elements, in the repair of paving stones, in the repair of fractures in concrete floors and in filling the gaps.



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APPLICATION EQUIPMENT

Hand mixer - Steel Trowel - Iron Rod

APPLICATION INSTRUCTIONS

Surface; It must be cured, dry and sound. It should be cleaned of any residues such as oil, grease, dirt, paint, salt vomit that would prevent adhesion. The surface must be roughened. If there is rust on the metal reinforcement, it should be removed. Formworks must be securely fixed. Tightness should be checked by filling with water. If the application will be made on old concrete, the surface must be moistened before application. Concrete must be saturated with water. Puddles of water should be avoided. Slowly pour 25 kg of PROGROUT into 3 - 4 liters of water and mix with a low-speed mixer until no lumps remain. These rates may vary depending on air temperature. After resting for 2 minutes, the material is mixed again for 30 seconds and becomes ready for use.

A mold is made where the casting will be made. The mold should be mounted in a way to prevent water leakage. The mold must be filled from one side without interruption, thus preventing air formation inside the mold. Air bubbles that may form prevent surface contact and weaken adherence. Since it sets quickly, the prepared mortar should be applied without waiting. The mortar is allowed to settle by tamping it with an iron rod. Due to the expansion feature of the product, it is recommended to complete the process within 3-5 minutes at most in order to benefit from it at the highest level. Expired mortar should be disposed of.

LIMITATIONS

To obtain optimum quality, please adhere to the application instructions. Application should be made between +5 C and +30 C. Application should not be made in hot, rainy and windy weather. Application should not be made on surfaces at risk of frost. The product should be protected from rain, water, frost and negative external factors until it is cured.

CONSUMPTION

1.5-2 kg/m² (for 1 mm layer thickness)

PACKAGING

In 25 kg kraft bag, (64 pieces on pallet, 1600 kg)



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SHELF LIFE

It is 1 year from the date of production in its original packaging in moisture-free and dry environments (temperature between +5 C and +35 C). The mouth of the containers should be tightly closed when not in use. away from moisture

STORAGE CONDITIONS

It should be stored in its unopened original packaging in a moisture-free, dry and cool environment (temperature between +5 C and +35 C). It should not be left under direct sunlight.

SAFETY

Since it is cement based, do not breathe the dust, use a mask. Avoid contact with skin and eyes. Use protective gloves, glasses and clothing. In case of eye contact, consult a doctor immediately. Keep out of reach of children. In case of skin contact, wash with plenty of water and soap. Do not swallow.

For detailed information and recommendations, please refer to the Safety Data Sheet.

LEGAL NOTES

Our technical data sheet is DEKOSTAR LTD., which has a wide range of usage areas. ŞTİ. It has been prepared to give general information about the products and to show the technical features of the products. It is a recommendation and this information is about the correct application, ground, air, equipment, etc. It is valid under the conditions and when the products are stored under the recommended conditions.

DEKOSTAR LTD. ŞTİ. Since it cannot control the conditions under which its products are used, it does not accept any responsibility for the application result and does not guarantee it. The user of the product must test the suitability of the product before using it.

DEKOSTAR San. will be liable for application errors that may occur if the product is used for purposes other than its intended purpose or if the application conditions and recommendations stated above are not followed. and Tic. Ltd. Ltd. is not responsible and has the right to change the features of its products without notice. Users should always refer to the latest edition of the Product Technical Data Sheet for the relevant product.



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