

590 PRO B30



Dry Concrete Mortar

PRODUCT DESCRIPTION

It is a cement-based, dry ready-mixed concrete mortar containing polymer additives, giving C30 class strength.

FEATURES

It is ready, mixed with water and poured. It does not segregate.
It is easy to apply. It has high strength. It is used indoors and outdoors.
It provides the advantage of pallet storage. Provides ease of preparation and use.

PRODUCT INFORMATION

Chemical structure : Cement Based

Appearance/Color : Powder/Gray

PERFORMANCE

(23°C, 50% Relative Humidity)

Compressive strength 28 days	30 N/mm ²	TS EN 196-1
Flexural Strength 28 days	6 N/mm ²	TS EN 196-1
Ready to walk on time	3 Days	
Ready time for load application	28 days (Full setting)	

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

House, workplace, foundation, walls and floors; It can be used in repairing holes, breaks and cavities, filling gaps, in places where concrete addition is required, in all structures, indoors and outdoors. It is used in the production of door and window lintels, floor grilles, concrete slabs and parts, stairs, chimneys, installation gaps, prefabricated floor assembly, filling the gaps in walls and floors, garden walls, supports and buttresses, and floor coverings.



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APPLICATION EQUIPMENT

Hand mixer - Trowel

APPLICATION INSTRUCTIONS

The application surface must be damp, the dry surface must be moistened before application. Surface; It must be cured and solid. It should be cleaned of any residues such as oil, grease, dirt, paint, salt vomit that would prevent adhesion. Cement, plaster, plaster, etc. on the floor. If there are substances, the floor must be cleaned. If there is water flow on the surface, it should be stopped. Rust on the reinforcement should be cleaned and new reinforcement should be added if necessary. Surfaces should be saturated with water before application, and free water remaining on the surface during casting should be removed. It is recommended to dust the floor with a suitable industrial vacuum cleaner. In applications on concrete and existing screed, priming the surface with PROGEN is important to increase adhesion. Molds must be placed in a sturdy, safe and secure manner that prevents the concrete mortar from flowing out. The pocket in the molds where the mortar will be discharged should be at the top for vertical coatings, and only on one side for horizontal coatings. In thick applications, reinforcement should be placed or steel wire should be added. Slowly pour 25 kg of PRO B30 into 4-4.5 liters of water and mix with a low speed mixer or concrete mixer until no lumps remain. The mortar is left to rest for 5-6 minutes to mature. It is mixed again before application.

Casting should be done continuously and without vibration. It is spread and corrected with the help of a trowel. Concrete placement, compaction, smoothing and finishing operations are carried out. The mortar should be prevented from drying out prematurely. It must dry under natural conditions. There is a risk that the mortar dried by being exposed to drafts or by being forced to dry by external factors will crack and not reach the desired strength conditions. After the concrete's setting time is completed, molds are taken. Additional layers should be applied after the concrete has completely dried. Concrete should be cured for 1 week, especially in outdoor environments and places exposed to wind and direct sun. If the outdoor conditions are very challenging for 1 week from the day the product is applied, it should be covered or wetted. Application thickness is minimum 5 cm.

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

Approximately 20 kg/m² (for 1 cm application)

PACKAGING

In a 25 kg kraft bag, (64 pieces on a 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. It should be kept 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 and do not contact it with skin or 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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