



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 does not segregate.

Easy to apply.

It is high strength.

Used indoors and outdoors.

It provides the advantage of palletized storage.

It provides ease of preparation and use.

PRODUCT INFORMATION:

Chemical Base Cement-Based

Appearance /Color Powder/Gray

PERFORMANCE:

(23°C, 50% RH)

Compressive strength 28 days ≥ 30 N/mm² TS EN 196-1

Flexural Strength 28 days ≥ 6 N/mm² TS EN 196-1

Time to walk on it 3 days

Ready to apply load 28 days (Full setting)

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

USAGE AREAS:

Foundation, walls and floors; It is used in the repair of holes, cracks and cavities, in filling the gaps, on the surfaces that are walked on.

It can be used in all buildings, indoors and outdoors.

Door and window lintels.

Floor grates.

Stairs, chimneys, plumbing gaps,

Prefabricated flooring installation,

In filling the gaps in the wall and floor,

Garden walls, supports and buttresses,

It is used in floor coverings.



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APPLICATION INSTRUCTIONS

The application surface must be damp, the dry surface must be moistened before application. Surface; It should be cured and solid. It must be cleaned of residues such as oil, grease, dirt, paint, salt vomit that will prevent adhesion. Cement, plaster, plaster etc. on the floor. If there are substances, the floor should be cleaned. If there is a water current on the surface, it should be stopped. The rust on the reinforcement should be cleaned and new reinforcement should be added if necessary. Surfaces should be saturated with water before application, 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 to be made on concrete and existing screed, it is important to prime the surface with PROGEN to increase adhesion. The molds should be placed in a way that is strong, secure and prevents the concrete mortar from flowing out. The pocket in which the mortar will be emptied in the molds should be on the upper side 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 40 kg of PRO B30 onto 4-4.5 liters of water, and mix it with the help of a low-speed mixer or a concrete mixer until no lumps remain. Let the mortar rest for 5-10 minutes to mature. It is mixed again before starting the application.

Application Equipment:

Hand Mixer
Concrete Mixer
Steel Trowel

Casting should be done continuously and without vibration. It is spread and corrected with the help of a trowel. Concrete placing, compaction, straightening and finishing operations are performed. Premature drying of the mortar should be prevented. It should dry under natural conditions. There is a risk of cracking and not reaching the desired strength conditions of the mortar, which is dried by drafting or by being forced to dry by external factors. After the setting time of the concrete is completed, the molds are taken. Additional layers should be made after the concrete has fully dried. Concrete should be cured for 1 week, especially in outdoor environments, where it is 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:

Please obey to the application instructions to obtain optimum quality. The application should be done between +5 C and +30 C. It should not be applied in hot, rainy and windy weather. It should not be applied on surfaces where there is a danger of frost. The product should be protected from rain, water, frost and adverse external factors until it cures (28 days).



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CONSUMPTION:

Approx. 20 kg/m² (for 1 cm application)

PACKAGING:

In 25 kg kraft bag,

COLOUR:

Grey.

SHELF LIFE:

It is 1 year from the date of production in its original packaging in dry and non-humid (temperature between +5 C and +25 C) environments. The lid 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 package, in a moisture-free, dry and cool (temperature between +5 C and +25 C) environment. It should not be left under direct sunlight.

SECURITY:

Since it is cement based, do not breathe the dust, do not contact the skin and eyes. Use protective gloves, goggles and clothing. In case of eye contact, seek medical advice 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.

DEKOSTAR San.ve Tic.Ltd. Şti. is not responsible for any application errors that may occur if the product is used for purposes other than its intended use or if the above-mentioned application conditions and recommendations are not followed. Dekostar reserves the right to change its products. Users should consider the latest edition of the Technical Data Sheet of the relevant product.