

REPI FiX

REPIFIX BETON

Fast setting repairing mortar

REPIFIX BETON is a ready-to-use, dry pre-mixed mortar with normal setting time, composed of cement, graded quartz aggregates, and special performance-enhancing additives. It is suitable for casting, repairing, and restoring existing concrete, as well as for the construction of new non-structural, unreinforced elements. It can be used both indoors and outdoors and allows the easy preparation of small quantities of mortar directly at the application site. It is distinguished by its ease of use and its guaranteed strength and durability.

Advantages:

- Ready to use.
- Excellent workability.
- Produced with quartz sand.
- Reaction to fire CLASS A1.
- Resistant to humid conditions after hardening.
- Suitable for multiple applications.



TECHNICAL CHARACTERISTICS



Packaging:

- Paper bag 25kg



Application:

Repairs and replacement of disintegrated concrete involving non-structural elements. Floor substrates, sidewalks, paths, fence anchors, etc.



Color:

Grey.



Storage:

At sealed package for up to 12 months from the date of production, in areas protected from moisture, frost and sunlight.



Consumption:

~ 17-18 kg/m² per cm application thickness

FIELDS OF APPLICATION

REPIFIX BETON is suitable for:

- Repairing and replacing deteriorated concrete in non-structural elements.
- Floor screeds, sidewalks, pathways, fence post anchoring, and similar applications.
- Use on substrates such as concrete, brick, and aerated concrete.
- Cement-based renders, screeds, and topping layers.
- Construction of fences and garden features. Lining and rehabilitation of manholes and inspection chambers.
- Fixing and anchoring equipment (e.g., lighting fixtures, signs, and posts).

SUBSTRATE PREPARATION

The substrate must be sound and stable. All loose or deteriorated material must be removed, and the surface should be thoroughly cleaned with plenty of pressurized water to eliminate any contaminants such as dust, oil, grease, and other residues. Before applying the product, the substrate should be slightly damp, without standing water on the surface.

APPLICATION

In a clean container, add 3.6–3.8 liters of clean water and gradually pour in the contents of the 25 kg bag, mixing continuously until a homogeneous mortar is obtained. Allow the mixture to mature for 3 minutes, then briefly remix before use. It is also recommended to stir the mixture periodically throughout the application period. Once the mortar has been prepared, do not add extra water to improve its workability. Doing so will reduce its mechanical strength and increase shrinkage. Mixing should be carried out gradually, either manually or with a mechanical mixer, until a lump-free, uniform consistency is achieved. For larger quantities, a gravity-type concrete mixer may be used. The mortar can be applied in layers up to 10 cm thick for localized repair works. Special care should be taken during the summer months and on surfaces exposed to direct sunlight. The material should be applied when the ambient temperature is between +5°C and +25°C and not during rainfall. At higher temperatures, strength development occurs more rapidly, while the workability of the material is reduced. At lower temperatures, strength development is delayed. The mortar may be applied either by trowel or by casting/pouring, depending on the application requirements.

APPLICATION TOOLS – TOOL CLEANING

The application of REPIFIX REPAIR WRM 519 is done by trowel or steel spatula.

Immediately after use, the tools are cleaned with plenty of water, while after hardening, mechanical removal is required. Do not dispose of washing waste water into the groundwater.

NOT RECOMMENDED

The application of the product is not permitted under the following conditions:

- When frost or freezing temperatures are forecast within 24 hours after application.
- Under wet conditions, such as during rainfall.
- On substrates exposed to direct, intense sunlight or on excessively hot surfaces.

For best results, the product should be applied under suitable weather conditions and on properly prepared substrates.

PRECAUTIONS

REPIFIX BETON contains cement and reacts with water to form an alkaline solution. For this reason, contact with the eyes and skin should be avoided. In case of contact with skin, rinse immediately with plenty of water. In case of contact with the eyes, rinse thoroughly with water and seek medical advice immediately. Before use, carefully read the information provided on the product label and in the Technical Data Sheet. Wear appropriate protective clothing and gloves during handling and application. The Safety Data Sheet (SDS) is available to professional users upon request. Poisons Information Call Center 210 77.93.777

Technical characteristics	Units	Standard	Value
Appearance			Dry powder with fibers
Color			Grey
Maximum application thickness (for localized repairs in one layer)	cm		10
Temperature resistance	°C		-30 to 90
Maximum grain size	mm		4
Workable time	min		60
Compressive strength	MPa		≥ 20
Flexural strength	MPa		5
Chloride content	%		< 0,05

*Note: The measurements were taken in laboratory environment under normal temperature and relative humidity conditions (+23°C, 50%). It is possible for them to vary depending on the conditions prevailing at the worksite (temperature, humidity, absorbability of the substrate).

The technical information and instructions contained in the present brochure and referring to the application and end use of Thrakon products are based on the up to now know-how and experience of the Company with regards to the products and are provided in good faith as long as such products are stored, used and applied as per Thrakon recommendations. Due to the inability, on our part, to directly inspect the conditions prevailing at the worksite as well as the application procedures of the product, the Company does not provide any guarantee with regards to the adequacy of its products for specific purpose while the Company shall not bear any legal responsibility based on the information stated in the present brochure or any other written, oral, or otherwise provided recommendations and instructions. The users of the products are advised to perform a limited surface testing of the products adequacy for the eventual application and use intentions. Thrakon reserves the right to modify the features of its products without prior notification. All orders shall be approved only following acceptance of the above and under the eventual Commercial Policy terms of the Company. The issuance of the present brochure voids any prior version.

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