

SIRIOBETON FIX-R

Reoplastic mortar for repairs and fixings with extremely fast hardening



[info. PRECAUTIONS]

Use according to the instructions on the technical data sheet and safety data sheet. Wash hands and equipment thoroughly with water before handling the product.

Wear full protective clothing: hydraulic binders can cause skin and eye irritation. Do not breathe dust and ventilate the area.

[info. CONSUMPTION]

Approximately 19 kg/m² of surface area per 1 cm of thickness.

[info. WATER DOSAGE]

17-18 L of water per 100 kg of SIRIOBETON FIX-R.

[info. PACKAGING]

- 25 kg bag
- 5 kg bag

[info. STORAGE]

12 months in original, unopened packaging, stored in a dry, protected environment at a temperature between +5°C and +35°C. The closed bag preserves and protects the product thanks to its double polythene-paper lining. Do not use the contents of torn or opened bags if you notice any clumping of the powder.

[info. TECHNICAL SERVICE]

Detailed technical instructions on the use of the products can be requested from your local representative or directly from PROIND srl.

SIRIOBETON FIX-R is a **high-performance, ultra-fast setting cementitious mortar specifically designed for fixing to masonry substrates**, in both vertical and horizontal applications. The product is formulated with hydraulic binders, selected aggregates and specific additives. It does not contain chlorides or metallic components.

Instructions for use

- Mix the product with clean water without impurities at a ratio of 18-20% (approximately 4.5-5 litres of water for each 25 kg bag). Mix by hand with a trowel until the mixture is smooth and lump-free, then apply immediately. Given the rapid setting characteristics, it is advisable to use a limited quantity of product.
- During the processing/setting/hardening phases, the ambient and substrate temperature must be between +5 °C and +35 °C.
- During the curing phase and until maturity, protect from frost, direct sunlight and washout.
- For temperatures above 30 °C, we recommend using cold water. For temperatures below 8 °C, use lukewarm water.
- When filling vertical surfaces, apply in several layers at 5-minute intervals, checking that the underlying layer has set.

Preparation of the substrate

Check the consistency of the substrate on which the restoration will be carried out. The substrate must be consistent, not subject to hygrometric shrinkage, deformation of any kind and free of foreign materials (dust, oils, efflorescence, etc.). It must also have a tear resistance of at least 1.5 N/mm².

For all substrates (especially absorbent and porous ones), it is recommended to saturate them with water beforehand and remove excess water in order to prevent water being drawn from the product. Remove any damaged parts.

The substrate must be roughened (to a roughness of approximately 3-4 mm for applications from 10 to 30 mm in a single coat) by chiselling, using demolition tools or pressure hydro-scarification.

Directions for use

- Wherever rapid application with a significant reduction in execution times is desired.
- As a patch for deteriorated or missing concrete.
- For rapid repair of degraded masonry.
- For the rapid fixing of metal elements in concrete and masonry.
- For the rapid installation of manhole covers, anchors, pipes, false frames and electrical boxes.

Advantages

- High short-term mechanical strength.
- Ultra-fast setting.
- Thixotropic.
- Concrete and masonry substrates.