

SIRIOBETON FLEX-M

Two-component cementitious premix with elastomeric and waterproofing properties



[info. PRECAUTIONS]

Work only with clean water that is not excessively cold and clean containers. Use in accordance with the instructions on the technical data sheet and safety data sheet. Wear full protective clothing. Consult the toxicological data sheet.

[info. CONSUMPTION]

Approximately 4 kg/m² of surface area per 3 mm of thickness.

[info. CLASSIFICATION]

GP CS IV W2 in accordance with UNI EN 998-1:2010.

Meets the requirements of the following standards:

- UNI EN 1504-9 (products and systems for the protection and repair of concrete structures)
- UNI EN 1504-2 coating (C) according to PI, MC and IR principles (Concrete surface protection systems).

[info. PACKAGING]

25 kg bag of powder (component A) plus 8.35 kg canister of liquid (component B).

[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 FLEX-M is a **two-component, microfibre-reinforced, anti-carbonation cementitious waterproofing mortar in powder form, specifically designed for waterproofing balconies, terraces, bathrooms and swimming pools**. It is formulated with a mixture of high-strength cements with synthetic rubber latex additives, free of plasticisers, with extremely high elastic properties.

It is also suitable for low-thickness protection and high elastic modulus of concrete elements on façades (e.g. pillars, parapets, front panels, planters and gutters built on site, etc.), plaster and cement screeds.

Instructions for use

Mix all of component B (8.35 kg liquid container) with component A (25 kg powder bag), using only buckets and tools that are free of any form of impurity. Mix with a mixer or drill equipped with a low-speed whisk until a homogeneous, lump-free mixture is obtained. The mortar obtained must be applied immediately.

The substrate must have a tensile strength of at least 0.25 N/mm² and must be dry, consistent, sufficiently flat and free of foreign materials (dust, oil, soot, algae, efflorescence, release agents, etc.).

Remove any films of release agents. Crumbly surfaces or surfaces prone to chalking must be consolidated with SIRIOCRYL fixative or removed and restored with a suitable product.

Directions for use

Apply a first coat of SIRIOBETON FLEX-M with a smooth or notched metal trowel, apply suitable SIRIORETE fibreglass mesh and, once dry (approximately 4-5 hours), apply a second coat of product with a smooth metal trowel. Use the appropriate accessories (waterproofing tape, internal corner tape, external corner tape) at edges and corners. Respect any thermal joints and structural joints present in the substrate. Wait for the product to dry (approximately 5 days) before laying the ceramic covering (in good weather and temperature conditions, on a dry substrate, this period can be reduced to 24 hours).

When waterproofing swimming pools, the applied product must never be left exposed; cover with ceramic products.

In hot weather, it is advisable not to expose the material (powder and liquid) to the sun before use. After application, in particularly dry, hot or windy conditions, it is advisable to protect the surface from rapid evaporation with sheets.