



FIBRO

Fiber reinforced standard-setting thixotropic mortar for restoring concrete.

Globally Proven
Construction Solutions



FEATURES/BENEFITS

- Single component
- Highly thixotropic
- High workability
- High mechanical resistance

USES

- Reconditioning decayed concrete
- Rebuilding the layer around the rebars in reinforced concrete which has decayed due to rebar oxidation (treat the rebars beforehand with FER)
- Filing in holes in screeds, industrial floors, etc.
- Reconditioning pillars, beams, treads, risers, edges, etc.

MANUFACTURER

LATICRETE EUROPE S.R.L.

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STANDARDS/CERTIFICATIONS

EN 1504-3 PCC

Color

Grey powder

Packaging

25 kg bag, 1500 kg pallet

Quantities required

19 kg/m² per cm of thickness

Shelf Life

Twelve (12) months unopened. Store at 4°-38°C in a covered area (out of the sun). Store in a cool, dark place with minimal temperature function.

Quality and Environmental Standards

FIBRO undergoes constant, careful testing at our laboratories, in compliance with the legislation in force - UNI EN ISO 9001/2000.

Limitations

- Not intended for use over countertops
- Not intended for use in areas that experience significant thermal shock on a continual basis.
- Please note that with all resinous coating systems, exterior full sun environments in warm climates may exhibit above average surface temperatures. This is especially true with darker finishes. As a result, resinous systems may not be ideally suited for exterior pool deck applications.

Cautions

- Do not apply in temperatures below +5°C or above +35°C.
- Do not apply to concrete surfaces that are particularly smooth; roughen ups the surface prior to use.
- After the application, ensure the area reconditioned sets properly by making sure the water does not evaporate too fast.
- Do not apply to frozen substrates or those at risk of freezing during the 14 hours following the application.
- Do not pour on.

Technical and application specifications	
Hazard classification as per Directive 99/45/CE:	irritant
Specific weight of mixture:	2 g/cm ³
Pot life:	Approx. 60 minutes
Application temperature:	from +5°C to +35°C
Mixing water ratio:	18% (approx 4.5 l per 25 kg bag)
Mixture pH:	over 12
Maximum coat thickness:	1 cm
Maximum coat thickness:	3 cm

FINAL PERFORMANCE SPECIFICATIONS EN 196/1	
Compression resistance after 28 days:	> 40 N/mm ²
Flexural resistance after 28 days:	> 9 N/mm ²
Room/ambient temperature:	from -30°C to +90°C
Harmonized customs code:	38245090

Tested at 23°C/50% Residual Humidity and no ventilation. The data may be considerably modified by the methods and site conditions.

INSTALLATION**Surface Preparation**

Carefully clean the surface to recondition, removing any dust, grease, or paint and remove all the parts not attached firmly in place until the substrate is a completely solid layer. Clean the rebars by sanding or careful brushing, removing all trace of rust and fragments that are coming away. Roughen up the substrate considerably and soak with plenty of water, and then wait for the excess water to evaporate.

TECHNICAL DATA**Application**

Mix FIBRO with clean water until a smooth, lump-free paste is obtained.

Use a mechanical mixer at a low speed to prevent air getting trapped in the mixture. Leave the mix to rest for a few minutes, and then mix again for a short while. Do not add other aggregates or hydraulic binders. If the mixture is already hardening, do not attempt to restore workability by adding water. The mixture should be applied with a smooth trowel. This product can be float-finished. If you have to apply several coats, make sure the previous coat is completely set before applying the next. Treat rebars with rust-inhibiting FER before reconstructing the decayed part or element with FIBRO.

AVAILABILITY AND COST

Availability

LATICRETE® materials are available worldwide. For distributor information, please contact LATICRETE EUROPE S.r.l. Telephone +39 059557680. For on-line distributor information, visit www.laticrete.eu

Cost

Contact a LATICRETE® closer distributor to obtain complete information and cost.

WARRANTY

The supplier warrants that the product will not deteriorate under normal conditions and use. The warranty validity of one (1) year.

Contact Technical Support for further information

MAINTENANCE

LATICRETE® products are of high quality designed to achieve lasting installations and avoid maintenance, however performance and durability may depend on properly maintaining products, depending of the cleaning products used.

TECHNICAL SERVICES

Technical assistance

For information contact: +39 059557680

info@laticreteurope.com

To obtain technical and safety literature, please visit our website at www.laticrete.eu

Warning

The information and the instructions in the data sheet, although based on knowledge gained through years of applications, are indicative. LATICRETE® unable to directly control the installation conditions and modalities of application of products, do not assume any liability arising from their implementation. Those who want to use the LATICRETE® products must conduct adequate tests to determine the site specifications. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation method and site conditions.

Technical and safety literature