



## TixoMD

Semi-bearing repair and plastering mortar.



### MAIN AREAS OF USE

#### It is particularly suitable to:

Reinforcing and/or repairing vertical surfaces that are not load-bearing but are subject to strong compression.

#### Recommended applications:

Consolidating, smoothing, reinforcing and repairing concrete, masonry, plasterboard and similar architectural elements.

- Suitable substrates (indoors or outdoors):
- Solid or hollow brick walls
- Plasters based on lime, cement or mixed binders
- Reinforced skim coats
- Precast and cast-in-place concrete
- Plasterboard

### CHARACTERISTICS

**Its high performance and fine finish** make it a product suitable for all types of work

**Its smoothness, softness and compactness** provide very high application comfort

**The HT glass fibres** minimise cracking phenomena

**Its high adhesive power** allows for it to be used on all common building substrates

**The triple CE marking** guarantees suitability as both repair mortar and plaster

Compliant with Standards **UNI EN 1504-3 (R2), 998-1 (GP) and 998-2 (MD)**

### HOW TO USE

#### Preparation of the substrate

The substrate must be clean, flat, cohesive and free of any kind of release agent.

It is always advisable to use a primer to even out absorption.

If necessary, prevent capillary/saline rising with **Neutral Antisale** or **licata Injecto Gel**.

- **New substrates:** no precautions other than those indicated.
- **Deteriorated or crumbling substrates:** remove all crumbling, loose or detaching parts and restore the flatness of the substrate using **licata** products.

**NOTE** Joints of different elements must be reinforced with alkali-resistant glass fibre mesh buried in the surface of the plaster. To ensure the walls are sealed, it is advisable to put edge protectors in the corners and vertical guides in the walls.

#### Preparing the mixture

1\_Pour the product into a clean container containing  $\frac{3}{4}$  of the total mixing water

2\_Mix for about 3-4 minutes with a low-speed mixer, adding the rest of the water gradually.

The product ready for application should be a plastic, smooth and lump-free mixture.

3\_Let it rest for 1-2 minutes, then stir again before use.

**Licacem TixoMD** must be used as it is, with the sole addition of clean water. Do not split the packages to use them partially and do not use previously opened bags.

### Application

1\_Apply the product using a spatula, in thicknesses between 10 and 25 mm in a single layer (in the case of spray application, proceed from the bottom to top)

2\_Straighten using a H-shaped straight edge or knife, smoothing horizontally and vertically, until a flat surface is achieved. For thicknesses above 25 mm, add more layers waiting at least 24 hours before applying the next one, always taking care to roughen the substrate layer using a hard grout trowel.

This operation is essential for any subsequent work and it must always be performed 1.5 - 4 hours after application, depending on the environmental conditions.

**Liccem TixoMD** smoothed as it is or smoothed with suitable products from the **licata Finish**, è un supporto range, is an ideal substrate for **licata.Coat** decorative coatings or for **licata.Paint**.

### PRODUCT INFORMATION

Appearance	Grey powder
Particle size	<0,8 mm
Powder consumption	17.5 kg/m <sup>2</sup> every 10 mm of thickness
Mixing water	15%-17% of weight of powder
Workability time at 20 °C	40 minuti
Application thickness per coat	5-25 mm
Application temperature	From +5° a +35°C
Storage in unopened original packaging	12 months in a dry place between +5° and +35°C
Packaging	25 Kg
Density	2025-2125 Kg/dm <sup>3</sup>

### PERFORMANCE ACCORDING TO UNI EN 998-1 AND 2

Characteristic	Test method	Legal requirement	Performance
Compressive strength	UNI EN 1015-11	CSI-IV	CS IV
Flexural strength	UNI EN 1015-11		≥7 N/mm <sup>2</sup>
Adhesive strength and fracture pattern	UNI EN 1015-12		≥0,6 N/mm <sup>2</sup> -B
Capillary absorption	UNI EN 1015-18	W0-W2	W2
Water vapour permeability coefficient	UNI EN 1015-19		≤ 1 m
Thermal conductivity	UNI EN 1745:2002		0,725-0.770 (W/m*K)

### PRESTAZIONI SECONDO UNI EN 1504-3

Characteristic	Test method	Legal requirement	Performance
Compressive strength	UNI EN 12190		>30 N/mm <sup>2</sup>
Chlorine ion content	UNI EN 1015-17		≤0,05%
Adhesive strength and fracture pattern	UNI EN 1015-12		≥2 MPa
Carbonation resistance	UNI EN 1015-19		≤ 1 m
Fire resistance	EN 13501-1		A1

**WARNINGS**

- Product for professional use.
- For applications other than those indicated on the data sheet, it is best to perform a suitability check beforehand and/or contact Licata Technical Service for further information.
- Before application, always check that the colour, consistency and appearance correspond. Any claims regarding this will not be accepted once the product has been applied.
- Do not apply the product in extreme conditions, such as on frozen substrates or in the presence of fog/excessive humidity. To avoid aesthetic and functional defects, adequate shielding must be provided in case of direct exposure to sunlight.
- Make sure that the ambient, substrate and product temperatures are between +5°C and +35°C during application and drying.
- Take care of the product until it is completely dry and at least for the first 48-72 hours, protecting it from rain, wind, adverse weather conditions and direct sunlight.
- The temperature and humidity levels can accelerate (if high) or slow down (if too low) the curing process, even drastically, and they can even stop it altogether.
- The presence of scaffolding, the use of natural raw materials and the impossibility of controlling the atmospheric and substrate conditions can lead to signs of shrinkage and unevenness for which Licata SpA shall not be held responsible.
- The fresh product can be washed with water.

**SAFETY**

Protect eyes and hands during application.

Read and keep the latest version of the Safety Data Sheet available for information on the correct disposal, storage and handling of the product.

**NOTES**

This data sheet replaces and voids all previous versions.

The instructions and performance information given in this document are based on our current technical-scientific knowledge and must in any case be considered purely indicative and refer to standard laboratory conditions. The purchaser must, therefore, check that the product is suitable for his specific requirements. All of the documents required for the safe use of **licata SpA** products is available in their most recent versions on the company website [www.licataspa.it](http://www.licataspa.it). Moreover, our technical-commercial network guarantees rapid consultancy and is at your disposal for information and explanations. For further information, contact the Licata Technical Service at [servizio-tecnico@licataspa.it](mailto:servizio-tecnico@licataspa.it)

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