



# SIVAL

GESSOS ESPECIAIS



## DESCRIPTION

SIVAL REABILITA ANTI-FISSURAS is a gypsum-based plaster with fibers in its composition.

It is sold in powder form, ready for mixing with water and then manual application.

## PACKAGING

5 kg and 19 kg paper bags.



SIVAL REABILITA ANTI-FISSURAS

**EXCELLENT MECHANICAL RESISTANCE AND SURFACE HARDNESS**

**GREAT VERSATILITY AND SPEED OF EXECUTION**

## USE

Specifically designed for filling, repairing and touching-up the interior facings of walls and ceilings. It can be used in both new constructions and in renovation and conservation work, due to its compatibility with the materials traditionally used in finishing and coating older structures.

It can be applied directly to most surfaces, including masonry brick, site-cast concrete, aggregate concrete blocks and traditional gypsum and/or cement based plaster and brick nogging.

Thanks to its fibre-based composition, it offers superior crack resistance, making it the obvious choice for less stable bases.

## TECHNICAL CHARACTERISTICS

<b>Flexural strength (+):</b>	> 2 MPa
<b>Compressive strength (+):</b>	> 4 MPa
<b>Shore C Hardness (+):</b>	> 65
<b>Adhesion:</b>	> 0.2 MPa
<b>Setting time:</b> it is supplied in 2 setting time versions, to suit different working methods (**):	Normal 20 to 45 minutes (5 kg and 19 kg bags) Slow 1h30 to 3h (19 kg bags)
<b>Consumption:</b>	12 - 13 kg/m <sup>2</sup> for layers with an average thickness of 10 mm.
<b>Reaction to fire:</b>	A1

(\*) Results obtained after 28 days, for laboratory-prepared mixes. (\*\*) Guideline times only. These may vary as a function of the thickness of the application, base absorptivity, ambient temperature and ventilation.

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# APPLICATION



Add the product slowly to clean water in a clean container, until saturated (typically around 2.1 kg of product for each litre of water).

Allow it to rest for 2 to 3 minutes and then drill mix until a smooth paste is obtained.



Immediately after mixing, apply the stucco with a metal spatula or plasterer's trowel, depending on the required effect.

Cracks should normally be widened, to allow the mix to penetrate fully and to increase the surface area of the repair. This will also improve coverage of the repair area.

If the mix begins to set, it should be discarded.

## CONDITIONS OF APPLICATION

**PREPARATION OF THE SUPPORT** - Surfaces must be fully stable and any initial drying shrinkage must be mostly complete. Surfaces must be clean and free of loose material, dust, powders, salts and grease.

Highly absorbent surfaces should be dampened before application, as this will improve bonding and prevent the formation of cracks.

On extremely smooth and compact surfaces and/or where grease-rich products have been used (e.g. some site-cast concrete) bonding will be improved if the surface is first roughened. Alternatively, an appropriate bonding agent may be pre-applied to the surface.

The surface should be at a temperature of between 5 °C and 30 °C.

**WATER FOR MIXING** - Only potable, impurity-free water should be used for mixing. This should ideally be at a temperature of between 15 °C and 25 °C.

**APPLICATION TEMPERATURE** - It should not be used at temperatures below 5 °C, or above 40 °C.

**FILLING THICKNESS** - SIVAL REABILITA ANTI-FISSURAS should normally be applied in a layer that is around 10 to 20 mm thick. On highly absorbent surfaces, layers may be as much as 25 mm thick.

**FINISHING** - Finally, rub down the surface with a damp sponge just before it hardens. This will make it tacky enough to finish with a trowel or with SIVAL ACABAMENTO.

If SIVAL ACABAMENTO and a topcoat of paint are to be applied, the surface should be scraped with a metal plasterer's trowel when it is almost hard. This will ensure better levelling and prevent any "glazing", which would weaken the bonding of the finishing layer and affect the quality of any painted topcoat.

To improve bonding, any finishing plaster should be applied immediately after the SIVAL REABILITA ANTI-FISSURAS has hardened.

## ADDITIONAL INFORMATION

**PRODUCT SHELF LIFE** - 9 months, in original closed packaging and protected from heat and humidity.

Do not add any other products to SIVAL REABILITA ANTI-FISSURAS. It should be applied as it is presented in its original packaging.

Since the conditions of handling and application of our products are beyond our control, our responsibility is limited only to their quality, not including any anomaly resulting from their improper or unsuitable use.

REF: 20201022



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