

SIVAL REHABILITATION



DESCRIPTION

SIVAL REHABILITATION is a white-coloured gypsum-based compound containing mineral fillers and admixtures.

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

PACKAGING

20 kg paper bags.

USES

Specifically designed for filling, repairing and touching-up the interior facings of walls and ceilings. Perfect for use with running moulds. It can be applied directly to most surfaces, including bare brickwork, concrete cast on site and dense aggregate concrete blocks.

Ideal for renovation and conservation work on interior wall surfaces requiring repairs that are both extensive and of a certain depth. The product offers excellent compatibility with the materials traditionally used in finishing and coating older structures.

TECHNICAL CHARACTERISTICS

Flexural strength (*): > 2 MPa

Compressive strength (*): > 4 MPa

Hardness C (*): > 65

(*) Results obtained after 28 days, for laboratory-prepared mixes.

Working time: SIVAL REHABILITATION is supplied in 3 setting time versions, to suit different working methods (**):

SIVAL REHABILITATION Quick Setting: 10 to 18 minutes

SIVAL REHABILITATION Normal Setting: 20 to 45 minutes

SIVAL REHABILITATION Slow Setting: 1.5 to 3 hours

(**) Guideline times only. These may vary as a function of the thickness of the application, base absorptivity, ambient temperature and ventilation.

Consumption: 12 - 13 kg/m² for layers with an average thickness of 10 mm.

Reaction to fire: Class A1

CONDITIONS TO BE FULFILLED AT THE TIME OF APPLICATION OF THE COATING

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.

Fibreglass mesh should be laid over joints and any unstable cracks.



APPLICATION



1. Add the product slowly to clean water in a clean container, until saturated (typically around 2.2 kg of product for each litre of water).

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

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

If FINISHING PLASTER 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.

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 FINISHING PLASTER. To improve bonding, any finishing plaster should be applied immediately after the SIVAL REHABILITATION has hardened.



ADDITIONAL INFORMATION

Do not add any other products to SIVAL REHABILITATION. It should be applied exactly as supplied in its original packaging.
If the mix begins to set, it should be discarded.

Shelf-life - 6 to 9 months, depending on storage conditions.

As any handling or application of our products is beyond our control, we can only accept responsibility for the quality of the product and not for any defect caused by improper use.



THICKNESS

SIVAL REHABILITATION should be applied in a layer that is no more than about 20 mm thick.



TEMPERATURE OF APPLICATION

SIVAL REHABILITATION should not be used at temperatures below 5 °C or above 40 °C.



WATER

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



STORAGE

The product should be stored in a dry and reasonably well ventilated area, in its original packaging.