

### DESCRIPTION

El MORTERO DESHUMIDIFICANTE 562 is a dehumidifying pre-mixed mineral plaster, formulated with natural hydrated lime, selected hydraulic binders, siliceous and calcareous aggregates specifically calibrated by grain size, light aggregates, specific additives, and fiber reinforced. All these components allow optimum performance in terms of viability, breathability and adherence to substrates and resistance to capillary moisture, salinity, and water.

### USE

It prevents capillary moisture, allowing the treated substrates to maintain their breathability, so it is highly recommended to preserve old buildings of artistic and historical value, as well as for sustainable or "green" construction. Designed to protect and maintain the breathability of masonry affected by moisture with a high concentration of salts, both inside and outside the wall. MORTERO DESHUMIDIFICANTE 562 is specifically formulated for high breathability to water vapor and can be manually plastered over brick or natural stone, exposed to moisture.

#### Structure

Walls

#### Interior/Exterior

Outdoor, Indoor

### PROPERTIES

#### PHYSICAL PROPERTIES

#### DATOS

Powder Apparent Density (kg/lt)

0.80

Mix pH

12

Maximum grain size of the aggregates

3.35mm

Compressive strength at 28 days ASTM C-109  
(PSI)

84

(\*) Warning: The actual yield of a mortar is subject to several variables present in the field, such as applicators' expertise, tools used, walls plumb, coarseness and absorption of the surfaces and others, items hard to assess once the work is over. Therefore, SUR Quimica guarantees the performance of this product in adhesion and strength when applied following the instructions described for the appropriate surfaces but makes no promise of a specific yield and will not receive any claim related to different yields obtained in a job. Actual yield you get in your work can be very different from the ones mentioned here, which were obtained in controlled laboratory conditions and are included only as a reference.

### CONTAINERS and COLORS

#### AVAILABLE CONTAINERS

#### AVAILABLE COLORS

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA has no control over conditions, tools, applicator skills, selection, preparation, or compatibility of products used; therefore, can only guarantee this product quality, its features and qualities' suitability, but is not responsible for the results obtained in conditions impossible to check once the job has been done. SUR QUIMICA has made reasonable efforts to ensure the accuracy of the information provided here, but assumes no responsibility for any error, omission, or inaccuracy in it. If there is any inconsistency between different language issues of this document, Spanish version will prevail.



## MORTERO DESHUMIDIFICANTE 562

535-39562-720

25kg bags

Grey 720

### SURFACE PREPARATION

CONDITION	INSTRUCTION
<b>Surface preparation</b>	Surface should be free of rust, grease, dust, or any other contaminant.
Moisture	Remove all dusting, blistering or cracked plaster from the wall, until reaching a height where moisture measurement is compatible with this application.

### PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTION
Product: 535-39562-720, DESHUMIDIFICANTE 562	MORTERO <b>9 liters of clean water / 25 kg bag</b>	Put mortar in a clean container, add water and mix with hand or low-rev power mixer until you get a uniform, lump-free mixture. Let the mixture slake for about 5 minutes and mix it again briefly before applying.

### PRODUCT APPLICATION

#### APPLICATION TOOL

Screed                      Masonry trowel                      Trowel

### Application conditions

Surface temperature should be between 5°C and 30°C

Do not apply over dusting, unstable or unsound substrates.

It should not be applied on surfaces where, due to water leaks, it flows freely, nor on concrete previously treated with another waterproofing or paint.

Surfaces treated with this mortar should not be coated with oil paints or glossy paints, as they can hinder moisture evaporation.

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### Number of layers and thickness

Recommended coat thickness	5 – 20mm
Recommended final thickness	20mm

### Application Instructions

Apply this product making sure to thoroughly cover the entire surface to be treated, filling all irregularities or holes in the wall.

Do not level or compact the applied coat of this product, so to leave an "adherence bridge" for the next layer, applying 1cm layer thickness, depending on the salt concentration present in the masonry.

You can apply successive coats, if the previous one is not completely dry.

In high salt concentration masonry, wait 12-24 hours after applying the first layer of MORTERO DESHUMIDIFICANTE 562 before applying next layers.

This MORTERO DESHUMIDIFICANTE must be applied to a overall thickness of no less than 1cm.

Any stains or excess material must be removed scraping or sanding the surface.

To prevent cracking, especially when DEHUMIDIFYING MORTAR 562 is applied over different surfaces, put a MALLA REFUERZO MEMBRANA CEMENTICIA FLEX 50 X 1.10 (a reinforcement membrane mesh) inside the mortar.

That mesh should be placed within the layers of this plaster, and not be adhered to the wall. Also, it should extend at least 30 cm beyond this products borders.

Allow this mortar to dry properly before applying the finishing coat.

When prepared surfaces are ready for the finishing products:

- Apply MORTERO TRANSPIRABLE GRUESO 563 (Coarse breathable mortar) and MORTERO TRANSPIRABLE FINO 564 (fine grain breathable mortar) to obtain a better finish.

### NOTICE

- ✓ If you need more information, check our website <https://www.gruposur.com/asistencia/>
- ✓ Container must be kept out of reach of children, tightly closed, on pallets, in a ventilated place.

### HEALTH

- ✓ This a professional/industrial product and it should be applied by properly trained personnel, wearing appropriate Personal Protection Equipment (PPE), as described in its Safety data Sheet (MSDS), available at <http://www.gruposur.com>
- ✓ If you need to dispose of empty containers of our products in Costa Rica, contact your SUR store or our industrial compound in La Uruca, San Jose

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