

MORTERO TRANSPIRABLE GRUESO 563

Breathable Mortar

535-39563-026

DESCRIPTION

MORTERO TRANSPIRABLE GRUESO 563 it's a coarse breathable mortar designed to protect, recover and breathable restoration of masonry made of brick, rock, natural or heterogeneous stone, subject to humidity due to capillary rise.

It's composed of mineral gypsum based on a natural hydraulic lime, plus siliceous aggregates (selected following a specific grain), mineral aggregates, fibers, and specific additives to improve its workability and adhesion over substrates.

USE

MORTERO TRANSPIRABLE GRUESO 563 is especially designed to intervene buildings of historical and artistic interest, ecological constructions, or contemporary buildings, with excessive capillary moisture and needing breathability.

Structure	Walls
Interior/Exterior	Outdoor, Indoor

PROPERTIES

PHYSICAL PROPERTIES	DATA
Maximum Grain size	3.35
Powder Apparent Density (kg/lt)	1.57
Adherence at 28 days EN1015/12 (PSI)	26
Compressive strength at 28 days ASTM C-109 (PSI)	19

(*) 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.

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.



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CONTAINERS and COLORS

AVAILABLE CONTAINERS

40kg bags

AVAILABLE COLORS

Almond 026

SURFACE PREPARATION

CONDITION

INSTRUCTION

Surface preparation

Surface should be free of rust, grease, dust, or any other contaminant.

Humedad

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: 535-39563-026,
TRANSPIRABLE GRUESO 563

**MORTERO 7 – 8 liters of clean
water / 40kg bag**

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

Smooth Trowel

Application conditions

Surface Temperature

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

Number of layers and thickness

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Minimum recommended thickness	20mm
Curing time	
Full curing time	3 days

Application Instructions

In extreme moisture cases, apply previously a layer of MORTERO DESHUMIDIFICANTE 562 (Dehumidifying mortar) following its technical data sheet.

Apply this MORTERO TRANSPIRABLE GRUESO 563 (Coarse breathable mortar) on surfaces properly prepared and wet with clean water.

Layers can be overlapped up to 1 cm, if the previous breathable mortar is still wet, so it could receive that new layer without sagging.

This breathable mortar 563 should be cured with clean water for at least 3 days.

When using this mortar on uneven surfaces, it is to apply it recommended to apply it with a masonry trowel in a "whipping" movement for the mixture to fill in all the irregularities and achieve an even and smooth 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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