

INFORMACIÓN TÉCNICA

MORTERO PROYECTABLE LIVIANO MPL 550

Lightweight Projectable Mortar

530-39550-720



DESCRIPTION

El MORTERO PROYECTABLE LIVIANO MPL 550 is a premixed lightweight mortar for structural use, formulated from Portland cement, sand and expanded polystyrene (EPS) spheres as an additive. It offers adequate compressive strength after 28 days and excellent workability, guaranteeing a high quality and structural resistance.

USE

El MORTERO PROYECTABLE LIVIANO MPL 550 was designed to be applied over MKS system, where filling or structural performance is required.

Estructure	Eaves, ceilings, walls, fascia boards
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Interior/Exterior	Indoor/ Outdoor
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Surface	Panels of MKS constructive system
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Line	Domestic Line, Industrial / Professional Line
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CHARACTERISTICS

PHYSICAL PROPERTIES

DATA

Maximum aggregate granulometry	1.7 mm
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28 days kg / cm ² (ASTM C-109)	
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Compressive strength @ 28 days kg/cm ² (ASTM C-109)	>175 kg/cm ³
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Pot life	50 min.
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Hardened density (Kg/m ³)	1570 kg/m ³
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(*) Warning: Actual mortar yield is subject to several variables present in the field, such as applicators' expertise, tools used, walls plumb, surface's roughness and absorption and others; items hard to assess once the work has finished. Therefore, SUR Quimica guarantees the performance of this product in adhesion and strength when applied following the instructions described here for the appropriate surfaces but makes no promise of a specific yield and will not receive any claim related to actual yields obtained in the field. Actual yield can be very different from the ones mentioned here, which were obtained in controlled laboratory conditions and are included only as a reference.

PRESENTATION

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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AVAILABLE PRESENTATIONS

40 kg. bag

SURFACE PREPARATION

CONDITION

INSTRUCTION

Surface Cleaning

Remove all dirt, oils, and contaminants to guarantee this product's good adherence.

PRODUCT APPLICATION

Preparatory steps

Plumb MKS panels using the proper tools to get the desired result.

Application conditions

To apply this product, the substrate must be between 5 and 30°C.

In its application stage, this product should be not exposed directly to sun, rain, mist, or strong winds.

Instrucciones de aplicación

MORTERO PROYECTABLE LIVIANO MPL 550 has been developed to be applied with spraying or throwing equipment.

This mortar is applied on the MKS System, both in a vertical position for walls, or in a horizontal position for floor slabs, where filling or a structural performance is required.

Use a masonry trowel and metal screed for a smooth finish.

This mortar should not be applied under 5mm thick, on faulted, unstable surfaces or with a high degree of cracking or dusting. It can be applied in coats up to 2cm thick.

Recommended final thickness, when used along with **Panel Simple Estructural** as a structural system, is 3.5cm per side; To use it with **Panel Simple Cerramiento**, recommended final thickness is 2.5cm per side. In both cases, it is recommended to run over the first layer with a notched trowel to create a better anchoring pattern for the second mortar coat.

Theoretical Yield (*): Approximate yield is 1.5 bags of 40 kilos per m², per side, at a 3.5cm thick, while for enclosures is 1 bag per m², per side, at 2.5cm thick.

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Final Instructions

This product requires to be cured for a minimum of 7 days. Try to cure outside of extreme heat hours (above 30°C).

PRODUCT APPLICATION

- ✓ Do not use this product in its hardening stage.

OBSERVACIONES

- ✓ To avoid a quick evaporation of water, do not apply under direct sunlight.
- ✓ For more information, check our website <https://www.gruposur.com/asistencia/>

SALUD

- ✓ This product is for professional/industrial use only and must be applied by trained personnel, using the 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 Color paint store or our industrial compound in La Uruca, San Jose.

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