

DESCRIPTION

Mortero Adhesivo Estándar MPI 700 is a gray pre-mixed mortar, special for laying highly absorbent rigid veneers, such as ceramic or tile, either in internal or external areas.

USE

El Mortero Adhesivo Estándar MPI 700 can be applied over plaster, in-site cast mortars or poured concrete. For atypical conditions consult the technical department. This product complies with ANSI 118.1.

PROPERTIES

PHYSICAL PROPERTIES

DATA

ANSI Standard A 118.1

Meets

Hardened density (Kg/m³)

1170 kg/m³

Shear strength at 28 days

>15.5 kg/cm²

Compressive strength at 28 days

>60 kg/cm²

(*) 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

20-kg bags

AVAILABLE COLORS

Grey 720

SURFACE PREPARATION

CONDITION

INSTRUCTION

In Site Cast concrete

Make sure the surface is properly level, sound, clean and dry, free of dust, oil, grease, or other contaminants.

Do not apply directly onto dusting concrete or contaminated with release

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.



agent or other residues.

Nor can it be used directly on wood, metal, rubber, linoleum, expansive materials (polystyrene, polyurethane, and cellular concrete).

On brushed or polished concrete surfaces, terrazzo or similar, an adequate anchoring pattern should be carved by mechanical means, to leave a rough surface. You can also use our Limpiador de Ladrillo y Fachaleta (00308-900) to open the pore.

It is suggested to carry out previous tests.

Cracks over 3mm wide

Make a V-shaped cut, about 1.5 cm depth and dry clean it.

Remove any piece or element not well adhered, as well as any particle (such as oil, release agent or paint) that can affect a perfect adhesion of product to install.

Prime the surface with ETIBOND CONCRET 550 (23550-720/23551-900). And finally, fill out the cut with MORTERO DE REPARACIÓN MR 520 (39520-720).

PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTION
Producto: 535-39700-720, ADHESIVO ESTÁNDAR MPI 700	MORTERO 4.8- 5.2 liters of clean water per 20-kg bag	Place mortar in a suitable, clean container and pour water in the recommended proportion. Mix by hand or with a low-speed mixer to get a uniform, lump-free mixture. Let this mixture slate for some 5 minutes and remix briefly before applying.

PRODUCT APPLICATION

APPLICATION TOOL

Toothed Trowel Smooth trowel

Yield

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Approximate Practical Yield:

1. With a 6mm-tooth trowel: 3.3 m²/20 kg bag.
2. With a 10mm-tooth trowel: 1.8 m²/20 kg bag.
3. With a 20mm-tooth trowel: 1 m²/20 kg bag.

Application conditions

Room temperature

Apply only when surface temperature is between 5 – 30°C.

Application Instructions

Spread the product with a notched trowel; size of the tooth depends on the maximum dimension of the pieces to be placed; maximum tooth size: 20mm.

Lay veneer tiles, always leaving a minimum gap of two millimeters between tiles. Tap on the tiles with a rubber mallet, to get the best tile/mortar/substrate contact surface as possible.

Pay attention to that, during application, a superficial “cream” does not form in the mixture; if this happens, the mixture must be stirred and, if necessary, use fresh product.

Final Instructions

Wait at least 24 hours before proceeding to grout the floor.

NOTICE

- ✓ If you need more information, check our website <https://www.gruposur.com/asistencia/>
- ✓ This mortar has not been designed for leveling floors.
- ✓ Container must be kept out of reach of children, tightly closed on pallets, in a ventilated place, away from sunlight or intense heat.

HEALTH

- ✓ The user of this product may need 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 store or our industrial compound in La Uruca, San Jose

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