

TECHNICAL INFORMATION

MORTERO ADHESIVO PREMIUM MPI 740

535-39740-720



DESCRIPTION

MORTERO ADHESIVO PREMIUM MPI 740 is a premix, polymer-modified mortar, based on gray cement, duly selected aggregates, and specific additives to improve its adherence and workability, as well as to avoid sagging of pieces adhered to vertical surfaces.

USE

El MORTERO ADHESIVO PREMIUM MPI 740 is recommended for adhering low absorption rigid veneers, such as porcelain tiles, marble, or other natural stones on both horizontal and vertical surfaces, indoors or outdoors. This product stands constant water immersion, so it can be used to adhere glass-ceramics tiles swimming pools with chlorinated water or with natural salts. For atypical conditions consult our technical department. This product complies with ANSI 118.4

PROPERTIES

PHYSICAL PROPERTIES

DATA

ANSI Standard A 118.4

Meets

Hardened density (Kg/m³)

1400kg/m³

Initial setting time (25°C and 50% RH)

>6h

Final setting time (25°C and 50% RH)

>9h

Shear strength at 28 days

>14.1kg/cm²

Compressive strength at 28 days

>175kg/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

Gris 720

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SURFACE PREPARATION

CONDITION	INSTRUCTION
Site Cast concrete	<p>Make sure the surface is properly level, sound, clean and dry, free of dust, oil, grease, or other contaminants.</p> <p>Do not apply directly onto dusting concrete or contaminated with release agent or other residues.</p> <p>Nor can it be used directly on wood, metal, rubber, linoleum, expansive materials (polystyrene, polyurethane, and cellular concrete).</p> <p>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.</p> <p>It is suggested to carry out previous tests.</p>
Masonry	<p>All masonry surfaces must be plastered with Mortero para Repello MPR 130 M to a minimum thickness of 6 mm, and plaster must be fully cured.</p> <p>Make sure the plaster is well adhered, sound, and stable before placing the veneer; if it suffers from bulging, dusting, or loosening, contact our Construction Technical Service department.</p>
Cracks over 3mm wide	<p>Make a V-shaped cut, about 1.5 cm depth and dry clean it.</p> <p>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.</p> <p>Prime the surface with ETIBOND CONCRET 550 (23550-720/23551-900).</p> <p>And finally, fill out the cut with MORTERO DE REPARACIÓN MR 520 (39520-720).</p>
Fiber cement	<p>It should not be applied directly on dirt or contaminated fiber cement.</p> <p>Thickness of Mortero Adhesivo Premium 535-39740-720) must be less than 8 mm. Follow the fiber cement panel manufacturer's instructions for the type of panels used, as well as any other manufacturer's recommendations.</p>

PRODUCT APPLICATION

Yield

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Approximate Practical Yield:

1. With a 6mm-tooth trowel: 33m²/20 kg bag.
 2. With a 10mm-tooth trowel: 1.8m²/20 kg bag.
- With a 20mm-tooth trowel: 1 m²/20 kg bag.

Application conditions

Room temperature

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

PRODUCT APPLICATION

Spread the product with a smooth trowel and then comb it making straight swipes in one direction with a notched trowel. Size of teeth 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 tiles with a rubber mallet, to get the best tile/mortar/substrate contact surface as possible.

It's important that the tiles are placed before this adhesive mortar has dried superficially, otherwise it must be removed and replaced with a fresh mix.

When large-size tiles are used, lay a layer of mortar on the tile itself ("back-buttering") and go on as detailed above.

When laying large tiles on walls, check if some mechanical devices are necessary as temporary support.

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/>
- ✓ Container must be kept out of reach of children, tightly closed on pallets, in a ventilated place, away from sunlight or intense heat.
- ✓ This mortar has not been designed for leveling floors..

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>
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