

DESCRIPTION

MORTERO ADHESIVO PLUS UG 780 is a pre-mixed mortar specially formulated for laying low-absorption or ceramic floors and veneers. It has cements, selected inert materials and special polymers to improve its adherence.

USE

MORTERO ADHESIVO ESTÁNDAR UG 780 is recommended for laying low absorption (minimum 1.5 and maximum 3%) floors and veneers or ceramic tile in internal or external areas, on plaster, site cast mortars or absorbent concrete or duly plastered prefabricated concrete. This product complies with UNE-EN 1348 standard.

PROPERTIES

PHYSICAL PROPERTIES

DATA

Hardened density (Kg/m³)

1900kg/m³

Adhesion 28 days - UNE EN 1348 dry standard (porcelain tile) (Kg/cm²)

> 16kg/cm²

Compressive strength at 28 days

> 65kg/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

Site Cast concrete

Make sure the surface is properly level, sound, clean and dry, free of

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dust, oil, grease, or other contaminants.

Do not apply directly onto dusting concrete or contaminated with release 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.

Masonry

Plaster with REPELLO MANUAL GRUESO MPR 130M at a minimum thickness of 6 mm.

If this finish is too rough, apply a coat of REPELLO MANUAL FINO MPR 140 M.

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
Product: 535-39780-720, ADHESIVO PLUS UG 780	MORTERO 4.4- 4.8 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.

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PRODUCT APPLICATION

APPLICATION TOOL

Masonry Trowel Toothed Trowel Smooth trowel

Yield

Approximate Practical Yield:	<ol style="list-style-type: none"> 1. With a 4mm-tooth trowel: 5.3m²/20 kg bag. 2. With a 9mm-tooth trowel: 1.98m²/20 kg bag. 3. With a 11mm-tooth trowel: 1.62m²/20 kg bag.
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Application conditions

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

Spread the product with a notched trowel; teeth size 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.

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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