

MORTERO LAVADO

535-39620-820

DESCRIPTION

Washed Mortar is a pre-mix mortar special for exposed aggregate concrete floors, either indoors or outdoors. Its decorative effects is achieved exposing the varied grain size fragments it contains when the surface cement paste is removed while it is still plastic. It has high compressive strength and is easy to install.

Interior/Exterior Exterior, Protected exterior, Interior

Surface Concrete, Concrete without plaster (rendering), Surfaces with plastering
Line

USE

Its aesthetic finish is special to be applied on horizontal surfaces, such as sidewalks, pool edges and floors in general. Being an aggregate of different grain size and colors, it can be combined in various architectural or design schemes, offering surfaces with a very pleasant appearance, as well as non-slip, safe surface. The creative and skilled applicator can achieve an unlimited number of designs of different textures and colors from the same product.

Structure	Pools, Floors
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Interior/Exterior	Indoors, Roofed Outdoors, Outdoors
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Surface	Bare or plastered concrete
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Line	Domestic Line
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PROPERTIES

SPECIAL PROPERTIES

Appearance

Powder

PHYSICAL PROPERTIES

DATA

Dust density (kg/L)	1.7
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Approximate theoretical yield	1.5 m ² /40 kg
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Pot life	1 h
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Compressive strength at 7 days, kg/cm ² (ASTM C-109)	152 kg/cm ²
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Compressive strength at 28 days, kg/cm ² (ASTM C-109)	167 kg/cm ²
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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.

Adherence at 28 days EN 1015/12 – (kg/cm²)

20 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

40kg bag

AVAILABLE COLORS

Mortero Lavado 820,
Mortero Lavado 825,
Mortero Lavado 829.

SURFACE PREPARATION

CONDITION

INSTRUCTION

Concrete Leveling:

Repair with Mortero de Nivelación (535-39820-720) (floor topping): Before pouring a floor leveling mortar over an old concrete surface, properly wash off any dust or debris and repair cracks, and then apply adhesion promoter Ker Grip C (535-39715-028) or Etibond Concrete 570 (505-23570-720).

Contraction-expansion joints

Contraction-expansion joints must be set, spaced according to the slab design, as indicated by the engineer in charge of the project.
If mortar is used to level the slab, the already established joints must be respected.
If they require sealing, use Fast Fill 250 (semi-rigid sealant) or Pegaflex U 350 (flexible sealant).

Painted Surface:

Remove all existing coatings and prepare the surface with the proper anchor pattern with hand or power tools, scarifying, or grinding until the concrete surface is exposed.

Steel reinforced mesh

A reinforcement with steel rebar is recommended to withstand temperature stresses; this mesh must be placed at least at 2/3 of the height of the total thickness of the slab.

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535-39620-820

Confining formworks	elements, Once the surface is ready, place all necessary struts, screed guides and formworks before pouring the concrete.
Fungi and mols	Use our Solución Fungicida 334-900.
Substrate Restoration	Repair any inconsistent, unsound or severely cracked substrate with Mortero de Reparación MR 520 (535-39520-720) and Etibond Concret 550 (505-23550-720).
Floor-bonding bridge	In recently cast floors, let it cast at least 3 days before and wait 4 more days. In old floors just the surface. Always use Etibond Concrete 550 (505-23550-720) or Etibond Concrete 570 (505-23550-720) as a bonding bridge before pouring this product.

PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTION
Producto: 535-39620-820, MORTERO LAVADO	100%	Mix vigorously to get a smooth, pasty consistency.

PRODUCT APPLICATION

APPLICATION TOOL

Screed Smooth trowel Rubber trowel

Preliminary Steps

Expansion joints must be made according to the design of the slab, between 6 and 12 hours after concrete or mortar pouring.

Application conditions

It can be applied over new site-cast concrete, over Mortero de Nivelación 39820-720 (floor topping) or over restored old concrete.

All concrete must be poured on a strong and adequately compacted base. A steel reinforcement mesh should be placed to withstand temperature stresses.

This mesh must go at least at 2/3 of the total thickness of the slab. Place struts, screed guides and formworks for concrete pouring.

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535-39620-820

Once the slab cast, wait at least for 7 days before casting this placing the Mortero Lavado.
After this time, the floor-bonding bridge Etibond Concret 550 (codes 23550-720/23551-900) is cast.
To apply this product, the substrate must be between 5 and 30 °C.

Application Instructions

Start by placing a floor-bonding bridge, Etibond Concrete 550 (codes 23550-720/23551-900) and when this material is still sticky (after some 40 minutes after), apply Mortero Lavado 39620 using a stainless-steel trowel or masonry trowel, to level this mortar.

Later, while still fresh, level with screed or float.

Once this Mortero Lavado 39620 has been applied, wait between 4 and 6 hours before washing out, which is done with plenty of clean water and rubbing the concrete with a sponge or plastic bristle brush.

Once the mortar has been washed, it should be cured twice a day for at least 5 days.

If additional protection is required, it can be sealed with Acritek Transparente Mate 21500-904 as an anti-dust treatment.

NOTICE

- ✓ To apply this product, ask about size and space of contraction/expansion required by ACI 302 standard in our website <https://www.gruposur.com/asistencia/>
- ✓ Container must be kept out of reach of children, tightly closed in a ventilated place.

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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