TECHNICAL INFORMATION

COARSE HAND CEMENT PLASTER MPR 130M

REPELLO MANUAL GRUESO MPR 130M

535-39130-720

DESCRIPTION

MPR 130M Coarse Hand Cement Plaster is a hand-placed cement mortar for plastering walls. It is made from Portland cement, fine-grain aggregates and specific additives to improve workability, increase adhesion and slower setting.

USE

Ideal for external or internal plastering of concrete or masonry walls in houses, buildings and even buried structures. It should not be applied on seriously decaying surfaces, fiber-cement or insulating boards. It does not require additives or additional adhesives. MPR 130M Coarse Hand Cement Plaster can be applied manually as an intermediate layer of thick plaster, replacing traditional cement mortar made on site for masonry and concrete wall plastering.

Structure	Concrete ceilings, internal or external walls
Exterior/Interior	Indoor, Outdoor
Surface	Concrete
Product line	Domestic line, Professional/industrial Line

CHARACTERISTICS

SPECIAL PROPERTIES

Form: Powder

PHYSICAL PROPERTY	DATA
Apporximate theretical yield	2.2m² per bag @ 1cm thick
Bulk density (kg/L)	1.4 kg/L
Specific hardened weight (kg/L)	1.7 kg/L
28-day adherence EN 1015/12 - (kg / cm²)	14kg/cm²
28 day compressive strength kg/cm² (ASTM C-109)	115kg/cm²
Pot life	90 min
Maximum aggregate grain size	1.6mm

(*) 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 applied following the instructions described for

These technical data were calculated under controlled laboratory conditions, but SUR QUIMICA has no control over the conditions, tools, the skills of the applicator, or over the selection, preparation or compatibility of the products used; therefore can only guarantee this product's 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.

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the appropriate surfaces, but makes no promise of a specific yield and will not receive any claim related to different yields obtained in a work. Actual yield you get in your work can be very different from the ones mentioned here, which were obtained in controlled conditions in the laboratory and are included only as a reference.

PRESENTATION

AVAILABLE PRESENTATIONS	AVAILABLE COLORS
40kg bag	Grey 720

SURFACE PREPARATION

CONDITION	INSTRUCTION
Masonry:	Wash with water and keep surface cool before laying the mortar. Keep in mind that, in very humid or cold areas, this can delay drying of plaster.
Concrete:	Wash with water and neutral soap to remove grease or mold release.
Surface Preparation:	Surface must be clean and free of dust, grease, or any other contaminants.

PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
Product: 535-39130-720, Coarse Hand Cement Plaster MPR 130M	**8.5 to 9 liter of clean water / 40kg bag.**	Add clean water to the mortar in a clean container and mix by hand or with a low speed mixer to get a uniform, lump-free mixture. Let it stand for some 5 minutes and mix again briefly before applying.

Excess of water causes a decrease in the quality of the product and compromises the material's compressive strength. Do not add water after the initial mix.

PRODUCT APPLICATION

IT CAN BE APPLIED WITH

Screed	Masonry Trowel	Smooth Trowel

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Application conditions

Do not apply this product on gypsum board, drywall, drywall, other fiber cement boards or similar surfaces.

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

This product, in the application stage, must not be directly exposed to sunrays, rain, strong winds or mist.

Do not apply on frozen, dusting, unsound of cracked surfaces. Do not use it in its hardening stage.

Number of layers and thickness

Suggested final thickness	2.5cm
Suggested thickness per layer	1cm

Curing time

Curing Time (days)	3 days

Application Instructions

Before applying this plaster, place leveling pegs and guides, so you can trim it with an aluminum or wet steel screed to get an optimal finish and guarantee the minimum recommended thickness. Levelling pegs should have the form of a truncated triangle.
Apply with a masonry trowel, for a coat thickness from 6 to 10mm. For a coat thickness over 10mm, wait 24 hours between coats.
Finally, it can be smoothed out with a smooth metallic, foam or rubber trowel
Surfaces treated with MPR 130M Coarse Hand Cement Plaster can be recoated with MPR 140M Fine Hand Cement Plaster and FINISHING MORTAR MD 450, once the mortar has cured (3 days).
To plaster or paint, wait at least 15 days.

OBSERVATIONS

- ✓ If you need more information, one of our technicians will assist you. Call 800-SUR-2000 or email us at customerservice@gruposur.com
- ✓ Store on wood palets, in a roofed, aired and dry 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 Color paint store or our industrial compound in La Uruca, San Jose.

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