

TECHNICAL INFORMATION

MICROCONCRETO ESTRUCTURAL PARA LOSA DE PISO LP 850

535-39850-000



DESCRIPTION

MICROCONCRETO PARA LOSAS DE PISO LP is a white concrete premix formulated from Portland cement, aggregates and specific additives that enhance workability and ensure high compressive strength.

USE

Especially recommended for leveling concrete sub floors and mezzanines slabs, as well as filling imperfections in concrete floors. Due to its properties, it can also be used for mold stamping. It is ideal for new construction, remodeling, residential and commercial projects.

| | |
|-------------------|--|
| Structure | Floors, Slabs / Rooftops / Decks |
| Exterior/Interior | Indoor, Outdoor |
| Surface | Concrete |
| Product line | Domestic, Professional/industrial Line |

PROPERTIES

SPECIAL PROPERTIES

| | |
|------------|--------------|
| Appearance | White powder |
|------------|--------------|

| PHYSICAL PROPERTY | DATA |
|--|-----------------------------|
| Powder density (kg/L) | 1.60 (kg/L) |
| Hardened density (Kg/lt) | 1.90 (kg/L) |
| pH of the Mixture | 10 – 12 |
| Adherence at 28 days EN 1015/12 – (kg/cm ²) | 21.9 (kg/cm ²) |
| Pot life | 30 minutes |
| Compressive strength at 28 days, in kg/cm ² (ASTM C-109) | 197.2 (kg/cm ²) |

(*) NOTICE: (*) Actual mortar yield is subject to several variables present in the field, such as applicators' expertise, tools used, walls plumb, surface's roughness and absorption and others; items hard to assess once the work has finished. Therefore, SUR Quimica guarantees the performance of this product in adhesion and strength when applied following the instructions described here for the appropriate surfaces but makes no promise of a specific yield and will not receive any claim related to actual yields

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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obtained in the field. Actual yield you get on your job site may be very different from those listed here, which were obtained under controlled laboratory conditions and are included for reference only.

CONTAINERS

AVAILABLE CONTAINERS

40 kg bags

SURFACE PREPARATION

CONDITION

INSTRUCTION

SURFACE PREPARATION:

The surface must be sound, well adhered, clean, free of paint, oil, grease or any other contaminant. Wash with plenty of clean water and a steel brush.

Surfaces with fungi or algae

Surfaces with fungi, algae mold or lichens should be previously clean with our fungicide cleaner Solución Fungicida 512-00334-900.

PRODUCT PREPARATION

COMPONENT

MIXING RATIO

MIXING INSTRUCTIONS

Product: 535-39850-000,
MICROCONCRETO ESTRUCTURAL PARA
LOSA DE PISO LP 850

40 kg.

This MicroConcreto Estructural Para Losa De Piso LP 850LP 850 must be mixed with clean water until a homogeneous mortar is obtained.

Diluent Water

6.5 – 7.0 lt.

PRODUCT APPLICATION

APPLICATION TOOLS:

Float

Yield

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Yield:

It can be applied in thickness up to 20 mm, with a yield of 0.8 m² per 40 kg bag.

Application conditions

Install guides so the surface can be screed with a wetted metal or aluminum screed, for an optimal finish within recommended thicknesses.

Use masonry spatula and trowel for a better finish. It is not recommended to apply to thickness less than 5 mm, or to concrete surfaces that are unsound or have a high degree of cracking or dusting.

Do not apply this product when relative humidity exceeds 85%, with rain or with certain threat that it will rain in a short time, as it would alter some characteristics of the application or the product's performance.

Application Instructions

Position and level screed boards to screed with a wetted metal or aluminum straight edge, which will give an optimal finish and ensure the recommended thickness.

Add 6.5 to 7 liters of water per 40 kg bag in a clean container and mix manually or with a low-rev mixer until a smooth, lump-free mixture is obtained.

If the support concrete floor is less than 28 days old, create a rough profile with a surface grind and apply directly.

Apply with trowel or float.

NOTICE

- ✓ If you need other information, you can check our website at <https://www.gruposur.com/asistencia/> check our website <https://www.gruposur.com/asistencia/>

In the placement of this product, the spacing and position of joints in the existing slab should be respected, within the thicknesses indicated in this data sheet.

- ✓ Keep container tightly closed in pallets, in a ventilated place indoors, between 20 and 30°C, out of reach of children.

HEALTH

- ✓ 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.
- ✓ 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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