

# MICRO-CONCRETO ESTÁNDAR PARA RELLENO DE CELDAS RC 235

Micro Concrete for Block Filling

535-39235-720

## DESCRIPCIÓN

MICRO-CONCRETO RELLENO DE CELDAS DE BLOQUES RC 235 has a semi-fluid consistency and has been formulated from cement, calcareous materials, silica sand and special additives to improve both its workability and easy application, as well as its adherence and resistance to compression.

## USE

Due to its high resistance and controlled granulometry, it is ideal for filling concrete or clay block cells, in reinforced or unreinforced masonry, both indoors and outdoors.

<b>Structure</b>	Walls
<b>Interior/Exterior</b>	Indoor/Outdoor
<b>Surface</b>	Concrete, Brick
<b>Line</b>	Domestic Line, Industrial/Professional Line

## PROPERTIES

PHYSICAL PROPERTIES	DATA
Compressive strength at 28 days (kg/cm <sup>2</sup> ) (ASTM C-109)	197
Powder bulk Density (kg/lit)	1.75
Mix bulk Density (kg/lit)	2.38
Initial setting time (25°C and 50% RH)	25 min.
Maximum aggregate grain size	2.80 mm

(\*) Warning: 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 obtained in the field. Actual yield can be very different from the ones mentioned here, which were obtained in controlled laboratory conditions and are included only as a reference

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.



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**CONTAINERS and COLORS**

**AVAILABLE CONTAINERS**

40 kg bags

**SURFACE PREPARATION**

**CONDITION**

**INSTRUCTION**

**Surface preparation**

Remove any dirt, such as dust, grease, or other contaminants,

**PRODUCT PREPARATION**

**COMPONENT**

**MIXING RATIO**

**MIXING INSTRUCTIONS**

Product: 535-39235-720, MICRO- **40 kg**  
CONCRETO ESTÁNDAR PARA RELLENO DE  
CELDAS RC 235

Mix the content of a 40 kg bag of this product with approximately 5.5 to 6.5 liters of clean water and homogenize manually or with a low-speed mixer to get a uniform, lump-free mixture. Prepare only as much as you can use in 10 minutes. The excess of water in the mixture causes a decrease in the quality of the product and compromises the material's compressive strength. Do not add water after initial mix.

Diluent: Clean Water

**5.5 -6.5 Lt**

**PRODUCT APPLICATION**

**APPLICATION TOOL**

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Masonry trowel

Putty knife

### Application conditions

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

Avoid direct exposure of the product to the sun, rain, mist, or strong winds during its application stage.

### Application Instructions

Pour the mixture continuously over the blocks to be filled, never exceeding 1.80 m height, up to the block's top level, to ensure a complete filling.

To ensure a good consolidation of the mortar and eliminate possible voids in the cells, use a concrete vibrator.

Do not use the product in its hardening phase.

### Final Instructions

In case of rain, protect the newly placed product with plastic sheets or any other waterproof material.

### 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 in a ventilated place.
- ✓ Do not add more water once the mixture is done

### 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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