

DESCRIPTION

Microcemento Decorativo Base 475 is a cement coating with properly classified fine aggregates and specific additives that improve both workability and adhesion. This product functions as a base-coat of our decorative microcement system to achieve a marble effect, which can be applied both indoors and outdoors.

USE

Use this microcement as a decorative coating on floors, walls, showers, decks and more. The layers of this product serve as a foundation for subsequent application of MICROCEMENTO DECORATIVO ACABADO 476 to generate the desired decorative effect.

PROPERTIES

PHYSICAL PROPERTIES	DATA
Pot life	< 50 min
Hardened density (Kg/m ³)	1 400 kg/m ³
Adherence at 28 days EN 1015/12 – (kg/cm ²)	> 9.5 Kg/cm ²
Compressive strength at 28 days, in kg/cm ² (ASTM C-109)	> 75 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 Química 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 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**

Microcemento Decorativo Base 475
Cod. 596-39475-720. 15 kg plastic container

Microcemento Decorativo Componente B 477
Cod.596-39477-900. 4.3 liter (1. 14 gal) plastic container

AVAILABLE COLORS

Grey 720 – White 000
You can use our Color Tint mortar dyes for additional colours

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TECHNICAL INFORMATION

MICROCEMENTO DECORATIVO BASE 475

596-39475-720



SURFACE PREPARATION

CONDITION	INSTRUCTION
Surface contaminated with release agents	Wash and clean with hose and broom. Do not use detergents.
Cracks wider than 3 mm	A V-shaped cut should be made at a depth of approximately 1.5 cm and dust-dry. Any section or element that is not well adhered, as well as any particles that do not allow a perfect adhesion of the products to be installed (such as oil, release agent or paint) must be removed. Then prime it with ETIBOND CONCRET 550 (23550-720/23551-900). And finally the cut is filled with our MORTERO DE REPARACIÓN MR 520 (39520-720).
Concrete:	Wash with neutral soap and water to remove grease or release agent.
Masonry	Any plastered masonry surface must be fully cured. Ensure plaster is well adhered, solid and stable before placing this product. In case of peeling, dusting or poorly adhered concrete or plaster, contact our Construction Technical Service.
Concrete slabs:	Wash with neutral soap and water to remove grease and any other contaminants. Respect structural joints on the floor and ensure that it is free of cracks and moisture. If you find peeling, dusting or poor adhesion, please contact our Technical Service.
ADHERENCE PROMOTER	Use our Ker Grip C Adhesion Promoter (535-39715-670) before placing this product.

PRODUCT PREPARATION

COMPONENT	MIXING RATIO	MIXING INSTRUCTIONS
COMPONENT A: 596-39475-720 Microcemento Decorativo Base 475	290 ml of Component C per 1 kg of Component A	Add Component C to the mortar in a clean container and mix manually or with a low-rev mixer until a smooth, lump-free

PRODUCT APPLICATION

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APPLICATION TOOLS

Mason spoon

Float

Smooth metal trowel

Yield

Yield:

Approximate Practical Yield per 15 kg bag: 12 m² per layer.

Application conditions

Do not use to fill cracks or fissures, nor on frozen, dusting, irregular, or unsound surfaces.

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.

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

Protect this product in its application stage from being directly exposed to the sun, rain, fog or strong winds.

Number of layers and thickness

Number of coats:

2 LAYERS

Recommended final thickness

1-1.5 mm

Application instructions

Cover the entire surface with the fiberglass reinforcement mesh, code R2801072001 so that it is embedded in the mixture. Try to leave the traditional rough finish of this product to ensure its performance. This procedure is done before placing the product on floors, walls, or other surfaces. Then apply our Microcemento Decorativo Base 475 with a trowel, in thin layers and with short and semicircular movements in order to generate an intentional streaking in the appearance of the microcemento. Try not to go over the plastered areas. After setting this Microcemento Decorativo Base 475, sand the surface with a #80 grit sandpaper evenly, to further smoothing the surface and opening its pores. The final appearance of this system is achieved by applying the Microcemento Decorativo Acabado 476 following the specifications detailed in its technical data sheet. The maximum thickness of the complete system should not exceed 3 mm.

NOTICE:

- ✓ If you need other information for safe handling of this product, you can visit our website <https://www.gruposur.com/asistencia/>

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- ✓ This mortar is not designed for floor leveling.
- ✓ Keep it away from children, stored on pallets, indoors, in a cool, dry place.

HEALTH

- ✓ The user of this product may need the appropriate Personal Protective Equipment, as described in the respective Safety Data Sheet (MSDS), available on our website <https://www.gruposur.com>
- ✓ If you need to dispose of empty packages of our products in Costa Rica, contact your SUR store or our industrial compound in La Uruca, San Jose.

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