

TIPO: MT

MICROCEMENT BASE PORCELANICO MONOCOMPONENT READY TO USE

**PORCELANIC READY TO USE MICROCEMENT FOR PAVEMENT-CONTINUOUS COATING
WITH HIGH IMPACT RESISTANCE.**

DESCRIPTION

One-component coating formulated with selected aggregates, correctors, inorganic dyes and synthetic resins. Once mixed and subsequently extended or projected, a pavement / coating between 2 to 6 mm thick of great originality and beauty is obtained, characteristics that make it suitable for covering new and old concrete surfaces, cement mortars and any type of ceramic tile. Both for horizontal and vertical use.

USES

High strength Microcement rustic appearance. It is mainly used as a base of the microcement system to later incorporate the finishing products, however, given its regularity in the loads, it can be used at the same time as a final product leaving a large rustic finish. beauty and extreme hardness. Its formulation of selected aggregates allows that with only two layers of product is finished fulfilling the demands of resistance and aesthetics required for a continuous pavement.

Applied to double layer and as a finish, **a rustic microcement** of great aesthetic beauty is obtained, uniform, easy to apply and extreme hardness that make it an ideal product for its application both indoors and outdoors, garages, terraces, high traffic commercial premises , industrial buildings etc..

CHARACTERISTICS

- High resistance to abrasión
- The system is impervious to water, oils and cleaning products.
- Not suitable for stagnant water or pools
- High mechanical resistance.
- Stable against ultraviolet rays.



TECHNICAL DATA	PRODUCT COMPOSITION
Tipe: Ready to use Microcement.	
Aspecto: white paste.	
Densidad aparente: En pasta: 2.050kg/m3. Endurecido: 2.000kg/m3	<ul style="list-style-type: none"> - Microcement - Mineral fillers 78%
sólids Content: 80%	<ul style="list-style-type: none"> - Organic Resins - Correctors 22%
Open time: ± 60 min.	
Maximum aggregate size: 0,4 mm	European Law UNE EN 13892
Mechanical strenght (EN 1015-11): Compresión 28 days: 32N/mm2. Flexión 28 days: 6,3N/mm2.	Clasificación: C30 F6 A22 B2
Adhesion to concrete: 28 días: ≥2N/mm2.	
Layer thickness: 1 mm.	
Fire reaction (EN 13501-1): A1.	



APPLICATION RULES

SURFACE PREPARATION:

Before applying make sure that the substrate is flat, solid, clean and dry. Remove any remaining dust, gypsum or oil that may hinder the adherence of the product. On hot or windy days it is advisable to moisten the substrate. We recommend our sealer AGMA CH (see data sheet)

A correct application of the system needs priming, for which it is necessary to apply our AGMA sealer "CH". (See technical sheet). For a correct preparation of the substrate it is necessary to regularize the same with our MICRO REPAIR which will prevent cracking and possible transfers of marks in the final microcement caused by ceramic joints, even by joining different materials in the support that have different absorptions. In case of being humid areas or exposed to water, we recommend preparing the support with our MR ELASTIC, which in addition to fulfilling the same characteristics as our MICRO REPAIR is a waterproof product.

MIXTURE PREPARATION:

It is a ready to use product so, prepare the paste by mixing in the same plastic container. Mix manually or mechanically with a low speed mechanical agitator (300 to 500 rpm) for at least 3 minutes, let stand for 5 minutes and stir again for 2 minutes until a homogeneous and workable mixture is obtained.

APPLICATION: Apply one hand as a base product and two coats as finishing product, extending it with the help of a flexible trowel, tightening the product well, to obtain a perfect planimetry. Prior to the application of layer to layer, let dry the previous and make a smooth sanding with hand tools and fine sandpaper, 80-100 grams, in order to eliminate imperfections and promote adhesion between them. The weight of the sandpaper should be chosen and is variable depending of the required needs. In order to guarantee the impermeability and hardness of the product it is mandatory to varnish the entire surface with the corresponding PAVILAC version according to each need. It is also necessary the application of our fiberglass mesh Pavinet on the substrate, with our MICRO REPAIR to avoid any cracking due to structural stress or from the pavement as well as transfer of marks by different levels of absorption or settlement in the joints of the substrate. For vertical cladding or facades put Pavinet with our MICRO REPAIR in singular points such as unions of different materials, forged, pillars, blind boxes, angles of the frames of doors and windows, etc.

APPLICATION AREAS

Suitable for coating and decorating vertical and horizontal surfaces of commercial and residential spaces, such as: Shops, offices, restaurants, lobbies, exhibition areas, homes, theme parks, furniture, shelves, countertops and ceramic tiles for bathrooms, kitchens, garages and industrial ships. The system is suitable for floors with radiant heating provided that the installation of the same has been correctly applied with its approved protections as well as the appropriate self-leveling base mortars so that they do not transfer cracking problems to the outer layers and therefore to the Ecolanic Microcement.

SPECIAL CAUTIONS

Avoid contact with eyes and skin, as well as inhalation of dust.

Use rubber gloves and protective goggles.

Keep out of the reach of children.

Do not apply the product at temperature below 5°C or above 30°C.

Empty containers must be disposed of in accordance with current legal regulations.

CONSUMPTION:

The approximate thickness of the system is 3-4 mm, depending on the support it can be increased up to 6 mm.

The consumption per layer is approximately + 0.7 kg / m².

PACKAGING AND PRESENTATION

Granulometry: ± 0.4 mm

Packing: Drums of 22 KG / 10KG

Protective lacquer:

PAVILAC DUR BOTTLES of 5 Ltrs Matte, Satin and Gloss. (4 + 1Ltrs)

PAVILAC DUR WATER of 5,5 Ltrs Matt, gloss and satin. (5 + 0.5Ltrs)

STORAGE CONDITIONS

The storage time is 6 months if it is kept in a dry place and protected from the weather.

NOTE: The instructions for use are made according to our tests and knowledge and do not involve commitment. They do not free the consumer from the examination and verification of the products for its correct use. The responsibility of the company will be limited to the value of the merchandise used.

Note: **ECOLANIC** reserves the right, if it deems it necessary, to vary some information without prior notice.