

TWO-COMPONENT PORCELAIN MICROCEMENT

PRODUCT

Bases with micronized quartz and excellent workability and hardness, thanks to a combination of latest-generation resins developed exclusively for products manufactured by SATINE. **Product to be applied before any micronized material.** No sanding required thanks to its exceptional calibration.

Ammonia-free acrylic emulsion resin, elastic and hardening, specially designed to be mixed as component B of the Two-Component Porcelain Microcement, for both Base and Fino.

DESCRIPTION

Cement-based paste for coating floors and walls.

USES

- To renovate existing floors or replace carpets.
- Can be applied on both floors and walls, thanks to its high adhesion.
- Adheres to firm substrates with a good key.
- Can be applied both indoors and outdoors.
- Available in a wide range of colors.

ADVANTAGES

- High abrasion resistance.
- Good fluidity and workability.
- Microcement Base: minimum thickness per layer of 0.5 to 1 mm.
- Microcement Fino: minimum thickness per layer of 0.1 to 0.5 mm.
- Easy to clean, with a damp cloth and neutral detergent.
- Provides great hardness and resistance to the substrate.

FIELD OF APPLICATION

- Suitable for coating and decorating vertical and horizontal surfaces in commercial and residential spaces, such as shops, offices, restaurants, lobbies, showrooms, homes, theme parks, etc.
- Furniture, shelves, worktops.
- Ceramic coverings in bathrooms and kitchens.
- The system is suitable for underfloor heating, provided it has been installed with its approved protections and with appropriate self-leveling base mortars, so that cracking problems are not transferred to the outer layers and therefore to the system.

STORAGE CONDITIONS

Shelf life is **12 months** for component A (solid part) and approximately **six months** for component B (liquid part), from the date of manufacture, if kept in a dry place protected from the weather. Storage and transport of component B at extreme temperatures must be avoided (keep between 5 and 30 °C) to prevent possible damage to its composition. SATINE will not be responsible for misuse or improper storage of the product.

CONSUMPTION

Approximate consumption:

- **Base:** 0.5 to 0.75 kg per coat and m² (depending on the substrate).
- **Fino:** 0.2 to 0.5 kg per coat and m² (depending on the substrate).

SPECIAL PRECAUTIONS

This product contains cement. Avoid contact with eyes and skin, as well as inhalation of dust. Wear **rubber gloves and protective goggles**. Keep out of the reach of children.

Do not apply the product at ambient temperatures **below 5 °C or above 30 °C**.

Empty containers must be disposed of in accordance with current legislation.

PACKAGING

Solid part A:

Coarse: 20 kg buckets.

Fino: 15 kg buckets.

Liquid part B:

RESINA MICRO: 5-liter containers.

PRESENTATION

Supplied in two different grain sizes: Fino ± 0.1 mm and Coarse ± 0.3 mm.

The color range can be seen in our sample chart.

This information reflects the current state of our knowledge and provides information about our products and their possible applications. Its purpose is therefore not to guarantee specific properties of the products or their suitability for a particular application. Any existing industrial property rights must be respected. Quality control parameters will be detailed in the specification sheet of each product.

TECHNICAL DATA

Parameter	Result
Type:	Two-component porcelain microcement
Appearance:	Component A: white powder Component B: white liquid
Bulk density:	Powder: 1,300 kg/m ³ Paste: 1,950 kg/m ³ Hardened: 1,800 kg/m ³
Mix life:	7 hours
Open time:	2 hours
Maximum aggregate size:	Base: 0.3 mm Fino: 0.1 mm
Mechanical strength (EN 1015-11):	
Compressive strength at 28 days:	Base: 55 N/mm ² Fino: 45 N/mm ²
Flexural strength at 28 days:	> 10 N/mm ² (system)
Adhesion to concrete:	28 days: 1.6 N/mm ²
Maximum application thickness:	0.2 to 0.5 mm per coat
Reaction to fire (EN 13501-1):	A1
Packaging:	20 kg Base two-component (to be mixed with Resina Micro) 15 kg Fino two-component (to be mixed with Resina Micro) 5 l Resina Micro
Liquid mix:	Until a homogeneous paste is obtained (30 to 35 %)
Composition and data. Part A:	White cement Aggregates with a graded particle-size curve Correctors and admixtures Pigments Sodium content: 100 %
Composition and data. Part B:	Acrylic-based polymer resins in dispersion Correctors Sodium content: 21 %

APPLICATION

Mix preparation

In a clean plastic container, gradually add component A (solid) to component B (liquid, Resina Micro), in the ratio given for each grain size, using a low-speed mechanical stirrer (**300 to 500 rpm**) for more than 3 minutes.

Leave to rest for about **10 minutes**.

Stir again for more than 2 minutes, until a homogeneous, lump-free paste is ensured.

Mixing ratio

A in B according to grain size:

- **Fino:** 1 kg of powder per approx. ± 36 % resin.
- **Coarse:** 1 kg of powder per approx. ± 25 % resin.

Depending on temperature, humidity, working system or customs, the product can be adapted in terms of drying, hardness, workability and grain size to the customer's preference.

Application method

Apply two or three coats, depending on the desired aesthetic finish, spreading with a flexible trowel and pressing the product firmly to obtain a stucco effect. Before applying each coat, let the previous one dry and lightly sand it with hand tools and fine sandpaper, grit 150-180, to remove imperfections and promote adhesion between coats. The sandpaper grit should be chosen according to the requirements.

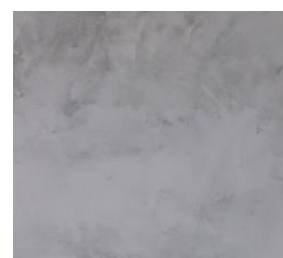
To guarantee waterproofing and hardness of the product, **it is mandatory to varnish the entire surface** with the corresponding VARNISH version (see technical data sheet). Likewise, our **fiberglass mesh** must be applied to prevent any cracking caused by structural stresses or stresses from the floor.

For vertical coverings or facades, place fiberglass mesh at singular points, such as joints between different materials, slabs, pillars, shutter boxes, corners of door and window frames, etc.

APPLIED EFFECT



BASE



FINO

This information reflects the current state of our knowledge and provides information about our products and their possible applications. Its purpose is therefore not to guarantee specific properties of the products or their suitability for a particular application. Any existing industrial property rights must be respected. Quality control parameters will be detailed in the specification sheet of each product.