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TECHNICAL DATA SHEET

MONOCOMPONENT MICROCEMENT

PRODUCT

Base 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.

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

- 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.
- Suitable for swimming pools with the Varnish Pool system (see technical data sheet).
- 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.

APPLICATION

XTREME, BASE and MEDIUM:

Depending on the water mix, with less liquid (compact mix) a more uniform, non-marbled, rustic and very resistant finish is achieved, suitable as an exposed finish or as preparation for the subsequent application of 2 coats of fine porcelain microcement, 1 or 2 of Medium or 1 of Rustic, achieving a slightly grooved and more rustic effect that is also resistant.

FINO:

Mix with water until a homogeneous paste is obtained. Fine finishing layer with a marbled effect, applied in 2 coats, for finishing with solvent- or water-based lacquer, after applying Primer Varnish (pore sealer).

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.

CONSUMPTION

Approximate consumption:

- **Xtreme:** 1.2 kg per coat and m^2 (depending on the substrate).
- **Base:** 0.9 kg per coat and m^2 (depending on the substrate).
- **Medium:** 0.6 kg per coat and m^2 (depending on the substrate).
- **Fino:** 0.3 kg per coat and m^2 (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.

Underfloor heating

Microcement can be applied over underfloor heating, bearing in mind that the heating must first be switched on gradually, following the start-up protocol, before application.

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.

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TECHNICAL DATA

Parameter	Result
Type:	Powder. Fino, Medium, Base and Xtreme porcelain-type
Appearance:	White powder
Bulk density, powder:	1,300 kg/m^3
Bulk density, hardened:	1,800 kg/m^3 (system)
Mix life:	7 hours
Open time:	2 hours
Maximum aggregate size:	Silica aggregates combined with different grain sizes
Mechanical strength (EN 1015-11):	
Compressive strength at 28 days (Base):	55 N/mm^2
Compressive strength at 28 days (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 per coat:	Xtreme: 0.5 to 1 mm · Base: 0.5 to 1 mm Medium: 0.5 to 1 mm · Fino: 0.1 to 0.5 mm
Reaction to fire (EN 13501-1):	> A1
Maximum temperature withstood by underfloor heating:	Tests performed at 90 °C
Packaging:	20 kg Xtreme, Base and Medium monocomponent 15 kg Fino monocomponent (to be mixed with tap water)
Liquid mix:	Until a homogeneous paste is obtained Base: ± 25 % · Fino: ± 36 %

PACKAGING



Xtreme, Base and Medium: 20 kg bucket

Fino: 15 kg bucket

Pallet of 36 units

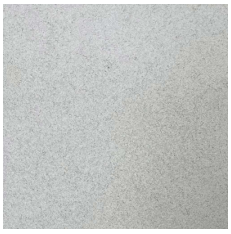
STORAGE

12 months from the date of manufacture, in original closed packaging, protected from the weather and humidity.

FINISH EFFECT



XTREME



MEDIUM



BASE



FINO

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