satine
satine.com

TECHNICAL DATA SHEET

# SATINE BLACK LABEL

## PRODUCT

**High-performance catalyzed microcement (A+B)** for use as a continuous coating for decorative finishes. Stands out for its excellent workability and hardness thanks to a combination of latest-generation resins, developed exclusively for products manufactured by SATINE.

## DESCRIPTION

High-performance microcement formulated to be applied as a continuous coating on floors and walls, especially recommended in areas of heavy traffic and/or wear. Available in 3 grain sizes:

- Base
- Medium
- Fino

## APPLICATION

Open the bucket (component A) and stir with a mixer until completely homogeneous. Then add the contents of the bottle (component B) and mix.

Apply **2 coats of Base** and then **1 coat of Medium or Fino**, depending on the thickness required, using a steel trowel held at 45° and applying some pressure while applying the product.

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.

The final curing time will depend on ambient conditions.

It is recommended to apply **2 coats of SATINE Aqua Varnish**.

## PROPERTIES

- Decorative continuous flooring and coating with multiple color options.
- Excellent adhesion to multiple substrates.
- Crack-free.
- Natural mineral finish.
- Very good abrasion resistance.

## CONSUMPTION

Approximate consumption:

- **Base:** 0.9 kg/$m^2$ (1 coat).
- **Medium:** 0.6 kg/$m^2$ (1 coat).
- **Fino:** 0.45 kg/$m^2$ (1 coat).

## SPECIAL PRECAUTIONS

- Avoid contact with eyes and skin; if contact occurs, rinse with plenty of water for 15 minutes.
- Wear **rubber gloves and protective goggles**.
- Keep out of the reach of children.
- Do not ingest.
- If sanding the product, wearing a mask is recommended.
- Do not apply the product at ambient temperatures **below 15 ºC or above 35 ºC**.
- Empty containers must be disposed of in accordance with current legislation.

## ADVANTAGES

- Good fluidity and excellent workability.
- Especially recommended in areas of heavy wear and pedestrian traffic.
- Minimum thickness per layer of 0.5 to 1 mm.
- Easy to clean, with a damp cloth and neutral detergent.

## STORAGE

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

Store at a temperature between 15 and 35 ºC.

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.

**SATINESTONE** - Carabona Industrial Estate - C/ Coure No. 16, 18 and 20 - 12530 Burriana - Castellón – SPAIN Tel. +34 692 100 100 / +34 969 100 100 Email: info@satine.es

## CERTIFICATES

- CE marking – UNE-EN 13813:2003.
- Bond strength, UNE-EN 13892-8:2003.
- Impact resistance, UNE-EN ISO 6272-1:2012.
- Wear resistance, UNE-EN 13892-4:2003.
- Reaction to fire classification of floor coverings, UNE-EN 13501-1:2007 + A1:2010.

## TECHNICAL DATA

| Parameter | Result |
|---|---|
| **Type:** | Paste |
| **Appearance:** | Off-white paste |
| **Bulk density:** | 1,500 kg/m$^3$ |
| **Mix life (A+B):** | 60 minutes |
| **Maximum aggregate size:** | Base 0.4 mm · Medium 0.02 mm · Fino 0.08 mm |
| **Mechanical strength (EN 1015-11):** | |
| **Compressive strength at 28 days:** | Base 70 N/mm$^2$ · Medium 65 N/mm$^2$ · Fino 60 N/mm$^2$ |
| **Flexural strength at 28 days:** | > 12 N/mm$^2$ (system) |
| **Adhesion to concrete:** | 28 days: 5 MPa |
| **Maximum application thickness per coat:** | 1 mm per coat |
| **Reaction to fire (EN 13501-1):** | A1 |
| **Packaging:** | Base and Medium: 19 kg comp. A + 1 kg comp. B<br>Fino: 14 kg comp. A + 1 kg comp. B |
| **VOC:** | Contains no volatile organic compounds (VOC) |

## PACKAGING

**Base and Medium: 19 kg bucket + 1 kg bottle**

**Fino: 14 kg bucket + 1 kg bottle**

**Pallet of 44 units**

## FINISH EFFECT

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.

**SATINESTONE** - Carabona Industrial Estate - C/ Coure No. 16, 18 and 20 - 12530 Burriana - Castellón – SPAIN Tel. +34 692 100 100 / +34 969 100 100 Email: info@satine.es