



Microcrete TOP *base*

Let's shine

Two-component cement base
for decorative coatings

CHARACTERISTICS

MICROCRETE TOP base is a pre-mixed product based on hydraulic binders, a versatile and easy-to-apply two-component material that allows the creation of low-thickness, smooth, and uniform surfaces with high abrasion resistance. It is ideal for creating decorative flooring and coatings, especially in cases where a clouded or troweled effect is desired. The product's high adhesive capacity eliminates the need for demolishing existing substrates and enables the application of low-thickness (approximately 2 mm) continuous coatings on surfaces such as ceramics, marble, plaster, concrete, wood, and metal.

MICROCRETE TOP base can be colored in various shades using color toners according to our color chart, and it is odorless.

HOW TO USE

PREPARATION OF THE SUBSTRATE: the surfaces must be properly prepared and roughened, clean, free from dust, oil, grease, loose parts, paint, or anything that may affect adhesion. For poorly absorbent surfaces such as ceramics, it is recommended to skim coat with **UNICO TRIEPOXY** primer, interposing a synthetic reinforcement

PREPARATION OF THE PRODUCT: coloring: add the necessary color toner to component B (liquid part) and mix thoroughly. Once a homogeneous and uniform product is obtained, slowly pour component B into component A while stirring, and continue until homogenization. Adjust the density with small additions of water.

APPLICATION: it is essential that the substrate on which the product will be applied is free from residual or rising moisture and has a relative humidity (RH) level below 2% to prevent undesired color variations. It is recommended to apply the product with a smooth trowel (American trowel). In the case of a two-coat application, allow the previous layer to dry before applying a new one, and if necessary, lightly sand between

Let's shine is a line:

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Components **A + B**



A 17 kg +
B 5 kg

coats with a random orbital sander using fine sandpaper to eliminate any imperfections. Then, remove any residual dust using a vacuum cleaner.

FINISHING: If a very smooth surface is desired, apply a finishing coat with **MICROCRETE TOP fine** (see technical data sheet).

■ SURFACE PROTECTION

The finished surface can be protected and finished with various types of impregnating agents, applied between 24 and 48 hours after completion, and when the coating has reached a moisture level below 5%, measured using suitable instruments. As a matte or glossy finish, it is recommended to use the transparent products **POLYLUX TR/F** (solvent-based), **POLYLUX AQ** (water-based), or **POLYLUX FINISH** (acrylic-polyurethane matte system), or use the protective wax **EXTRA MATT**.

■ USAGE AND HARDENING TIMES

APPLICATION DATA (at +23°C and 50% U.R.)

Mixing ratio	A : B = 17 : 5
Mixture color (excluding color toners):	white / grey
Specific weight of the mixture (g/cm³)	1,95 (A+B)
Application temperature	+8°C to +35°C
Consistency of the mixture	paste
Working time at +20°C	30 minutes
Drying time to touch	approximately 2-4 hours
Waiting time between the first and second coat	4-6 hours
Foot traffic	12 - 24 hours
Final setting time	7 days

■ MECHANICAL RESISTANCE

Performance characteristic	Test method	Product performance	
Flexural strength	ASTM D 790	28 days	11-13 MPa
Final setting time	ASTM D 695	28 days	28-35 MPa

■ INDICATIVE COVERAGE

1,5 kg/m² per mm of thickness.

■ STORAGE

The product has a shelf life of 12 months from the delivery note date, provided it is stored indoors, in sealed packaging, protected from heat sources and freezing, at a temperature between +5°C and 30°C. If the material has been stored beyond the recommended storage stability duration, it may not necessarily be unusable, but a qualitative check on the application-related characteristics should be carried out beforehand.

■ LIMITS OF RESPONSIBILITY

We decline all responsibility for work and damage which might result from improper or incorrect use of the product. The indications supplied with our product specifications and instructions for use are the results of accurate laboratory tests and experience in the field. However, as it is not possible to forward other evidence, when the products are used, these indications shall not be binding and do not imply liability on our part. As well as following good working practices, before applying the product we recommend you read the safety recommendations and the directions on the package. For the best professional results, it is advised to test a small area first, for compatibility with the surface to treat and the desired effect. This preliminary testing is also useful to determine the consumption according to the characteristics of the material the product will be used for and to the type of processing. The reproduction, even partial of this product sheet is forbidden. The data refer to the standards in force at the time of printing, 2013. The company reserves the right to make any changes without notice.

PRODUCT FOR PROFESSIONAL USE

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