topciment.com

NATTURE

NATTURE M

Product Description

Lime-based bicomponent microcement for thin continuous coatings on floors and walls for decorative finishes.

Uses

The system is a high-performance continuous coating suitable for application on floors, vertical surfaces, stairs, ceilings, and even furniture elements. Its high functional and aesthetic versatility makes it an ideal solution for residential projects as well as interventions in commercial spaces, large-scale facilities such as sports centers, industrial buildings, and high-use environments like hotels and restaurants.

Properties

- Seamless continuous coating (always respect expansion joints). Thickness between 1-3mm
- Renowned for its handcrafted finish, workability, and extreme hardness.
- Applied with a trowel in several layers, allowing for a variety of effects like tadelakt or exposed concrete finishes. Excellent workability. Wide range of colors and effects.
- Applicable on almost any type of surface, both horizontal and vertical.
- High mechanical strength and strong adhesion to any type of substrate: concrete, cement mortars, ceramics, MDF, plaster, and gypsum boards.
- Great resistance to abrasion, especially in high granularities
- As part of an application system, the substrate is prepared with NATTURE XL or L followed by NATTURE M and S finishes.

Description

Topciment offers four categories of NATTURE microcement according to its application, which are divided into two main groups: As preparation NATTURE XL and L before applying the finishing layers which are NATTURE M and S.

Topciment Microcement Classification by Particle Size and Recommended Use

NATTURE	Particle Size (mm)	Recommended Use
L	0.3	Preparation and Finishing Floors
XL	0.4	
S	0.125	Wall Finish
M	0.18	Interior Floor Finish

Technical Data

PROPERTIES POWDER COMPONENT A	SPECIFICATION	UNIT	METHOD
Features	Powder		
Composition	Cement, additives, and selected aggregates		
Maximum Aggregate Size	0.2	mm	
Apparent Density in Powder	1175±50	Kg/m3	
PROPERTIES RESIN COMPONENT B ACRICEM	**SPECIFICATION**	**UNIT**	**METHOD**
Features	Milky Liquid		
Composition	Polyacrylate in Emulsion		
Density Comp. B	1.03±0.01	g/cm3	UNE-EN ISO 2811-1
Viscosity at 23°C Comp. B	<100	mPa·s	EN ISO 3219
Non-Volatile Content Comp. B	22-23	%	UNE-EN ISO 3251:2020
pH Comp. B	9-10		UNE-EN ISO 19396-1:2020

PROPERTIES MIX A+B	TYPE	UNITS
	M	
Mix Ratio	18Kg Natture M for every 6.6 L of Acricem resin	
Two-Coat Coverage	1	kg/m²
Apparent Density in Paste	1450±50	Kg/m3
Apparent Density Hardened	1390 ±50	Kg/m3
Pot life at 20°C (shelf life)	60	min.
Minimum drying time between coats	4	hours
Number of layers	2	
System thickness	1-3	mm
Type of trowel (material)	Flexible Steel	
Sandpaper grain	80	
Application temperature	5-30	°C
Air humidity	65-90	%

Certificates: Declared performance CE marking

EN 13813:2002	M	UNITS
Compressive strength 28 days (EN 13892-2)	43.9	Mpa
Flexural strength 28 days (EN-13892-2)	12.7	Mpa
Adherence strength (EN 13892-8)	>1.2	Mpa
Fire performance (EN13501-1)	Bfl-s1	

1.1. Surface Preparation.
The application surface must be clean and free of grease, and the base should be solid and in good flatness condition

1.2. Priming.

Before applying NATTURE Microbase microcement, it is essential to properly prepare the surface according to its specific conditions. Depending on the type and condition of the substrate, particular technical solutions may be required, such as incorporating the flat and flexible Builtex fiberglass mesh for structural reinforcement, using Primacem® PLUS primers on non-absorbent surfaces or Primacem® ABS on absorbent surfaces, as well as applying moisture barriers against capillary or vapor using Primapox® Barrier.

In any case, it is recommended to apply the microcement while the primer still has tack (stickiness to the touch) to ensure optimal adhesion. If the primer fully cures and loses its tack (especially in the case of epoxy-based primers), adhesion is reduced and detachment can occur. If the primer is already dry, it is necessary to sand the surface before applying the microcement to regain the anchorage. In all cases, the technical advice provided by our specialists should be strictly followed, and the technical sheets for each product should be consulted.

1.3. Mixing.
Natture is blended with Acricem resin and colorants depending on the chosen hue. To ensure the coating's properties, it is essential to maintain the correct ratio between microcement and resin. The mortar should be prepared as follows:

1. Pour a bit of Acricem resin into a container, add the entire pigment load corresponding to the amount of microcement you will use, and mix until you achieve a uniform color liquid.
2. Gradually add the microcement powder and resin while continuously mixing the product with a low-speed mechanical mixer.
3. Mix for at least 4 minutes until you get a smooth, lump-free mixture.

1.4. Applying the mortar.
a. Preparation coats:
Apply two coats of Natture XL using a metal trowel. For floors, apply the flexible fiber mesh Builtex before the first coat and then apply two coats of microcement. Allow the previous coat to dry for 4 hours between applications and perform a gentle sanding with an orbital sander and 40-grit sandpaper to remove imperfections.
b. Finishing Coats:
The application can be completed with a coat of NATTURE XL, L, M, or S. Between coats, allow the previous one to dry for 4 hours and perform a gentle sanding with an orbital sander and 40-grit paper for NATTURE XL and L, 80-grit for NATTURE M, and 220-grit for NATTURE S, to remove any imperfections. The NATTURE S finish is exclusively for walls and non-walkable surfaces.

Finishing coats can be applied using the techniques “wet on wet” or “Wet on dry”
“Wet on wet”
Natture can be applied using the “wet on wet” technique, where the next coat is applied as soon as the previous one loses its “tack” (when the freshly applied microcement no longer sticks to your fingers upon touch). In this case, the first coat of Natture using this technique should not be sanded. If there are any ridges or bumps, they can be removed with a support spatula by trimming the protruding material. Apply the next coat while working on extruded polystyrene boards. Once the material is dry, perform a gentle sanding with an orbital sander or with the corresponding grit sandpaper (see table) to eliminate imperfections.

“Wet on dry”
Before applying a new coat, allow the previous one to dry (around 4 hours) and perform a gentle sanding with an orbital sander or with the corresponding grit sandpaper (see table) to eliminate imperfections.

Do not apply layers thicker than 1 mm for Natture microcements. A total system thickness of 1 to 3 mm is recommended. **1.5. Sealing.**

Topciment microcement systems® must be sealed once the curing process is complete, which occurs between 24 and 48 hours after application. Sealing should not begin until the coating has a residual moisture content below 5%, a value that must be verified with specific moisture measurement instruments. For sealing, it is recommended to use Presealer primer, followed by a varnish from the Topsealer® range. Specifically, using Topsealer WT Dragon is suggested, as it is the most advanced and comprehensive product in the line. It's crucial to strictly follow the application instructions detailed in each product's technical data sheets.
1.6. Cleaning tools. Tools should be washed with water immediately after use. Once hardened, the material can only be removed mechanically.

Limitations

The better the leveling and preparation of the surface to be coated, the better the performance and the lower the cost of material and application time. Choosing the appropriate method for each application is advisable. Low temperatures extend, while high temperatures significantly reduce the product's lifespan and drying time. Do not apply the product at ambient temperatures below 10ºC or above 30ºC. Air humidity should be between 65 and 90%.

Special Precautions

This product contains cement. • Avoid contact with eyes and skin, and do not inhale the dust.
• Wear rubber gloves and protective eyewear. • Do not apply the product at temperatures below 10°C or above 30°C.

It is essential to follow the label instructions. For more information, refer to the product's safety data sheet.
Empty containers must be disposed of according to current legal regulations. Keep out of reach of children.

Presentation

Available in 18 kg containers: Natture M
Available in 5 and 25 L containers: Acricem

Storage Conditions

The product should be stored in its original sealed container, protected from the elements at temperatures between 10°C and 30°C, in a dry and well-ventilated area, away from heat sources and direct sunlight. The shelf life is 24 months from the date of manufacture, if stored properly.

Last edited: May 2025