topciment.com

STTANDARD

TWO-COMPONENT MICROCEMENT

Product description

Two-component microcement for continuous, thin-layer coatings on floors and walls for decorative finishes.

Uses

As a continuous cladding **suitable for floors, walls, staircases, ceilings and even furniture.** Its versatility makes it ideal for renovations in private homes, commercial premises and large-scale venues such as sports centres, industrial units, hotels and restaurants.

Description

Topciment divides the STTANDARD range into four types of microcement, classified according to their function within the system. These are organised into two main groups:

- First layer or undercoat: **STTANDARD Microbase,** formulated to level the substrate, provide mechanical strength and create a suitable base for the adhesion of subsequent layers.
- Final layer: **STTANDARD Microfino, Microdeck and Microstone**, designed to provide the final finish in terms of both aesthetics and functionality. The choice between them depends on the intended use of the cladding (walls, stairs, floors or outdoor areas with terraces) and on the requirements regarding texture and durability.

Classification of Topciment microcements by particle size and recommended application

STTANDARD	TYPE	PARTICLE SIZE (mm)	RECOMMENDED USE
MICROBASE	L	0.3	Preparation
	XL	0.4	
	XXL	0.6	
MICROFINE	S	0.125	Interior wall finishes
	M	0.18	
MICRODECK	M	0.18	Interior flooring finishes
	L	0.2	
MICROSTONE	L	0.2	Exterior
	XL	0.4	

Properties

- Seamless continuous cladding (always ensure expansion joints are provided).
- Suitable for use on almost any type of surface, both horizontal and vertical: concrete, cement, ceramic tiles, plaster, plasterboard, etc.
- Excellent adhesion to the substrate and high abrasion resistance, particularly at coarse grit sizes
- Thickness between 1 and 3 mm
- Excellent workability.
- A wide range of colours and effects.

TECHNICAL INFORMATION

STTANDARD	TYPE	LIST Component A / Component B	COVERAGE (2 layers) kg/m²	GRIT
MICROBASE	L	10 kg / 2.5–3 litres	2,00	40
	XL	10 kg/3 L	2,80	
	XXL	10 kg / 2.5 L	3,40	
MICROFINE	S	10 kg / 4.5 L	0,50	220
	M	10 kg / 4.3 L	0,50	
MICRODECK	M	10 kg / 3.0–3.5 litres	1,00	80
	L	10 kg / 3.0–3.5 litres	1,00	
MICROSTONE	L	10 kg / 2.8–3.0 litres	2,00	40
	XL	10 kg / 2.7–3.0 litres	2,00	

PROPERTIES OF COMPONENT A POWDER	SPECIFICATION	UNIT	METHOD
Features	**Dust**		
Composition	**Cement, additives and selected aggregates**		
Apparent density of Microbase powder	1175±50	kg/m³	
Apparent density of microfine powder	930±50	kg/m³	
Apparent density of Microdeck powder	1175±50	kg/m³	
Apparent density of Microstone powder	1175±50	kg/m³	

PROPERTIES OF ACRICEM COMPONENT B RESIN	SPECIFICATION	UNIT	METHOD
Features	**Milky liquid**		
Composition	**Polyacrylate 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 contents Comp. B	22-23	%	UNE-EN ISO 3251:2020
pH Comp. B	9-10		UNE-EN ISO 19396-1:2020

PROPERTIES OF THE A+B MIXTURE	TYPE			
	Microbase	Micro-fine	Microdeck	Microstone
Apparent density (wet) kg/m³	1480	1420	1505	1480
Apparent density (hardened) kg/m³	1430	1310	1390	1430
Pot life at 20°C (min)	60	60	60	60
Drying time between layers (h)	3-4			
Maximum thickness for each type of Standard (mm)	<1	<1	<1	<1
System thickness (mm)	1-3			
Type of trowel (material)	Metal	Flexible rubber	Flexible Steel	Steel BiFlex

CERTIFICATES: DECLARED PERFORMANCE – CE MARKING

EN 13813:2002	Microbase	Micro-fine	Microdeck	Microstone
Flexural strength at 28 days (EN 13892-2) (MPa)	14,7	14,4	17,9	13,3
Compressive strength at 28 days (EN 13892-2) MPa	59,4	46,4	73,6	48,4
Adhesion resistance (EN 13892-8)	>1,5	>1,2	>1,2	>1,5
Reaction to fire (EN 13501-1)	Bfl-s1	Bfl-s1	Bfl-s1	Bfl-s1

Application

1.1. Preparation of the substrate

The substrate must be clean and free from grease; the base must be stable and level.

1.2. Priming

Before applying Sttandard Microbase microcement, the surface must be prepared in accordance with the conditions of the substrate. Certain applications require specific solutions: Builtex flat and flexible fibreglass mesh, Primacem® PLUS or Primacem® ABS adhesion promoters, or Primapox® Barrier vapour barriers or capillary moisture barriers. In all cases, follow the recommendations of our technicians and consult the relevant technical data sheets.
In any case, it is recommended that the microcement be applied whilst the primer is still tacky (sticky to the touch) to ensure optimum adhesion. If the primer cures completely and loses its tack (particularly in the case of epoxy-based primers), adhesion is reduced and flaking may occur. If the primer is already dry, the surface must be sanded before applying the microcement to restore adhesion.
In all cases, you must strictly follow the technical advice provided by our specialists and consult the relevant technical data sheets for each product.

1.3. Kneading

Sttandard is mixed with Acricem resin and colourants according to the selected colour. To ensure the coating retains its properties, it is essential to maintain the correct ratio of microcement to resin. Microcement should be prepared as follows:

1. Pour a small amount of Acricem resin into a container, add the full amount of pigment required for the quantity of micromicrocement you are going to use, and mix until you obtain a liquid of uniform colour.

2. Gradually add the microcement powder and resin whilst mixing the product with a low-speed mechanical mixer.

3. Mix for at least 4 minutes until the mixture is smooth and free from lumps.

1.4. Application of microcement

a. Preparatory layers:

Depending on the type of substrate, apply one or two layers of Standard Microbase XXL, XL or L using a metal trowel. If the substrate is a floor, always apply two layers, having first laid the highly flexible Builtex fibre mesh. Allow to dry for 4 hours between layers and sand lightly using a random orbital sander and 40-grit sandpaper to remove any imperfections.

b. Finishing layers:

- If you want a **rustic finish,** you can apply a third layer of Standard **Microbase XXL or XL.**
- For **interior flooring,** Standard **Microdeck** should be applied in two layers. This gives rooms a very natural and elegant finish.
- For **walls and non-trafficable surfaces,** only Standard **Microfino** is used, again applied in two layers. It produces a silky finish that is soft to the touch. A unique feature of this finish is that water marks can be created using a flexible rubber trowel, lending it a high decorative value.
- If you want a more natural, **stone-like finish** with **anti-slip** properties that make it **ideal for outdoor areas** such as terraces, porches or even patios, you should use Standard **Microstone,** applying two layers.

The finishing layers can be applied using either the “wet-on-wet” or “wet-on-dry” techniques.

“Wet-on-wet”
Sttandard can be applied using the “wet-on-wet” technique, applying the next layer as soon as the previous one loses its “tack”, i.e. when the freshly applied microcement no longer sticks to your fingers when touched. In this case, the first layer of Sttandard applied using this technique should not be sanded. If any burrs or lumps remain, these should be removed with the backing trowel, trimming off any material that protrudes. Apply the next layer working over sheets of extruded polystyrene. Once the material is dry, sand lightly using a random orbital sander or sandpaper of the appropriate grit (see table) to remove any imperfections.

“Wet on dry”
Before applying a new layer, allow the previous layer to dry (for around 3 hours) and sand lightly using a random-orbit sander or sandpaper of the appropriate grit (see table) to remove any imperfections.
Do not apply layers thicker than 1 mm for Standard microcements (Microbase, Microfino, Microdeck, Microstone). 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. The sealing process must not begin until the coating has a residual moisture content of less than 5%, a figure that must be verified using specific moisture-measuring instruments. For sealing, we recommend applying two layers of our Presealer primer, followed by two layers of a varnish from the Topsealer® range. In particular, we suggest using Topsealer WT Dragon, as it is the most advanced and comprehensive product in the range.
It is essential to strictly follow the application instructions detailed in the technical data sheets for each product.

1.6. Cleaning the tools:

Tools should be washed with water immediately after use. Once set, the material can only be removed by mechanical means.

Limitations

The better the levelling and preparation of the surface to be coated, the better the performance and lower material costs and application time. It is advisable to choose the the right method for each application.

Low temperatures extend the service life of the [item], whilst high temperatures significantly reduce it.
the product and the drying process.

Special precautions

This product contains cement.

- Avoid contact with the eyes and skin, and do not inhale the dust.
- Wear rubber gloves and safety goggles.

- Do not apply the product at ambient temperatures below 10°C or above 30°C.

It is essential to follow the instructions on the label. For further information, please refer to the product safety data sheet.

Introduction

Available in 15 kg bags: Standard Microfino M and S

Available in 18 kg packs: Standard Microdeck M and L

Available in 20 kg packs: Standard Microbase L

Available in 22 kg packs: Standard Microbase XL

Available in 24 kg packs: Standard Microbase XXL

Available in 20 kg bags: Standard Microstone XL and L

Storage conditions

The product must be stored in its original, unopened packaging, protected from the elements, at temperatures between 10°C and 30°C, in a dry, well-ventilated place, away from sources of heat and direct sunlight. When stored correctly, the product has a shelf life of 24 months from the date of manufacture.

topciment.com

The product must not be used for purposes other than those specified, without first obtain written instructions on how to use it. It is always the responsibility the user must take the necessary steps to comply with the requirements as laid down in the relevant legislation. The forms are available to the professional Product Safety Information.

Last updated: May 2026.