

# MICRO CEMENT

One-component finishing microcement with improved workability for decorative Finishes.



Flexural strength



Smooth Application



Compression resistance



Adherence to the substrate



## 1. PRODUCT AND COMPANY INFORMATION

Commercial product name: **VENETO-MICRO CEMENT**  
One component decorative coating based on micro cement for finishing vertical and non-trafficable surfaces

Manufacturer:

**VENETO COLORS™**

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**WATER RESISTANT**

## 2. DESCRIPTION

VENETO-Microcement is a smooth cement-based polymer coating system with a thickness of only 1-2 mm thanks to its excellent adhesion on floors, walls, stairs, facades, kitchen, bathroom, furniture, indoors and outdoors. The surface hardness is comparable to a wooden floor of 43N / mm<sup>2</sup>. It is a natural material that respects ISO 14000 environmental standards.

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## 3. APPLICATION PROCESS

The product is applied manually with a steel trowel in semicircular movements. The system consists of different layers: Fiberglass Mesh with 2 layers of Base Coats and 2 layers of Color Coats. To finish the sealing / protection system consists of: 1 layer of Veneto Waterproofing, 2 layers of Sealent and 2 layers of Wax.

\*Alternative Finishing Option: Our Metallic Finish collection products can be applied on Veneto Microcement to give a metallic appearance to the surface.

## 4. PACKAGING & CONSUMPTION

Mesh 50 m<sup>2</sup> / unit, Base Powder 15-18 m<sup>2</sup> / 27Kg, Base Liquid 30-36 m<sup>2</sup> / 20Kg, Veneto Powder 25-30 m<sup>2</sup> / 20Kg, Mixing Liquid 50-60 m<sup>2</sup> / 20 Kg, Veneto Waterproofing 80 m<sup>2</sup> / 5 Lt, Veneto Sealent 150 m<sup>2</sup> / 5 Lt, Veneto Wax 200 m<sup>2</sup> / 5 Lt.

## 5. APPLICATION INSTRUCTIONS

As the material has fine structure and excellent adhesion, it is important to consider the conditions of the existing base. Surfaces must be completely clean and free of debris and loose parts. The floor should be moisture-free, well leveled and smooth. The condition of the base will have a significant impact on the VENETO Microcement finishing quality, especially in connection with planimetry. Working Temperature: 5 °C to 30 °C / Surface Humidity: Up to 18% (measured with a wood hygrometer).

## 6. DRYING TIME

Allow 6-12 hours for touch dry and 24 hours for complete dry at 23°C environment conditions. 36-48 hours complete.

## 7. THEORETICAL CONSUMPTION

The consumption depends on the surface. In a standard application it would be as follows: Veneto Microcement(2 layers) – 0.5 kg/m<sup>2</sup>

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

*Il colore Italiano*

## **8. STORAGE**

VENETO microcement should be stored in its closed original packaging, protected from weather conditions and at temperatures below 30°C. The product must be stored in its closed original packaging protected from weather conditions and always between 10°C and 30°C. Shelf life is 1 year from the date of production, if stored in well-preserved conditions.

## **9. CLEANING THE TOOLS**

All tools must be thoroughly washed using water immediately after use. If the tools are not washed immediately after use, remove the hardened residue mechanically. Removal may be easier if the tools are submerged in water over a period of several hours.

## **10. PERSONAL PROTECTION**

Respiratory tract protection: Not needed when the rooms are well aerated. Hands and body protection: When the skin is repeatedly exposed to the mass, a preventative use of protection gloves is recommended. Use long-sleeve work overalls. Eye protection: Use safety goggles as a preventative measure.

## **11. SAFETY INFORMATION**

The product is free from heavy metals such as lead or chrome. It contains no toxic solvents, aromatics or chlorides. Hazardous polymerisation does not occur. The product is classified as hazardous according to the provisions of Regulation (EC) 1272/2008 (CLP) and subsequent amendments and adjustments. For more information, please refer to the Safety Data Sheet. No special requirements are necessary for storage and handling; the containers, residues, eventual spillages of the material should be cleaned up using absorbent inert material such as sand or soil and then disposed of in accordance with the current regional and national regulations in force. Transportation must be carried out in accordance with international agreements.

## **12. CAUTION**

The raw materials used are natural and may have small differences depending on the batches used. It is therefore recommended to use the same batch of product for each single work to be performed. If this is not possible, mix the batches with each other before use!

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## 13. TECHNICAL DATA

Nature of the bond	Microcement, mineral powders & natural resins
Viscosity	/
Drying Time	6-12h at touch, 36-48h complete
Thinning	40% water
Yield	0,50 - 0,64m <sup>2</sup> /kg
Specific weight	1,050Kg/Lt
Colors	Chart shades
Dry aspect	Smooth natural looking finish
Wet aspect	Powder
Storing	Max Temp. +34°C, Min T. +5°C
Stability	6 months (in sealed, unopened original packing)
VOC	10µGr/m <sup>3</sup>
TVOC	N/A0µGr/m <sup>3</sup>
PH	12-13°C
Cleaning	Water and Soap
Packing	20kg

## CHARACTERISTICS

Characteristics	Washable, Environmentally friendly
Can be applied on	Walls, Floors, Kitchen tops and tables, Bathroom
For	Interiors/Exteriors
Certifications	LOW VOC

## TOOLS AND RELATED PRODUCTS

Tools	Stainless Steel Trowel 240x100cm, plastic trowel
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\* The raw materials used are natural and may have minor differences depending on the batches used. Therefore it is recommended to use the same batch of product for each single work to be performed. If this is not possible, mix the batches together.

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## 12. NOTE

Please note that due to technical reasons caused by the tinting of the product the indicated Specific Weight of the product may differ from the Package Net Weight. In the original, sealed containers and in appropriate temperature conditions. The period of stability is purely indicative and refers to the minimum stability period of the product if stored under ideal conditions according to the instructions provided. If properly stored the product's stability period may extend several years.

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VIDEO

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