

# AQUA NATURE CIMENTART

## TECHNICAL DATA SHEET

**Micromineral ready to use**

**100% WATERPROOF**

**Natural finish cement  
effect or polished  
concret with 1.5 mm  
thickness**

**High level of  
adherence over any  
type of surface.**

**90% less dust when sanding**

**High level of  
resistance to abrasion**

**Interior and exterior**

**20 different colors**

**CIMENTART®**  
MICROCEMENT



**INNOVATE SME**

Valid until Nov 16th 2020



**Commitment with the environment**

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## CIMENTART NATURE – TECHNICAL DATA SHEET

**AQUA NATURE CIMENTART** is a ready to use micro mineral, composed of fine minerals, polymers, aggregates, resins, colorants, and special waterproof additives, which is applied manually with steel trowel, both indoors and outdoors.

It is used as a decorative finish in thin layer, in floors, walls or ceilings, interior and exterior, to create a decorative effect, similar to a concrete or traditional cement.

Its application is made in a simple way and the finished thickness is 1 to 1.2 mm. It can be applied to most surfaces and supports.

### TECHNICAL DATA

<b>Presentation</b>	<b>Ready to use white paste.</b>
<b>Granulometry</b>	<b>0.4</b>
<b>Clasification UNE EN 12004:2008</b>	<b>D2</b>
<b>Density</b>	<b>2.4 g/dm<sup>3</sup></b>
<b>Adherence to concrete</b>	<b>A 28 d : superior to 19 kg/cm<sup>2</sup></b>
<b>Mechanical Resistance</b>	<b>Compression at 28 d superior to 75 kg/cm<sup>2</sup></b>
<b>Flexibility</b>	<b>&gt;08/N mm<sup>2</sup></b>
<b>Drying time</b>	<b>4 – 6 hours to 20°C / 60% Relative Humidity</b>
<b>Base</b>	<b>WATER</b>
<b>Efficiency</b>	<b>1.5 kg / m<sup>2</sup> approx / 1.5 mm thickness</b>
<b>Application Temperature</b>	<b>+ 5° C / + 35°C</b>
<b>Mixing Relation</b>	<b>Product Ready-to-Use. Add maximum a 5% of water</b>
<b>Combustion point</b>	<b>Not flammable</b>
<b>Packaging Format</b>	<b>5 and 20 kg Buckets</b>
<b>Slipiness</b>	<b>C3</b>
<b>Disolvents</b>	<b>Exempt</b>
<b>Epoxy</b>	<b>Exempt</b>
<b>Resistance to bacteria development</b>	<b>99%</b>
<b>Shipping</b>	<b>Not dangerous for transportation</b>
<b>Storing</b>	<b>Not dangerous for storing</b>
<b>UNE</b>	<b>Classification according to UNE EN12004: 2001 C1TE</b>

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### SUPPORTS PREPARATION

The application is made manually, with a steel trowel, with rounded corners.

In floors, tile walls or areas where it is necessary to previously regulate the support, put the **FIBERGLASS MESH CIMENTART** and apply the **PRIMER CIMENTART**.

After dry, apply a layer of **AQUA NATURE CIMENTART** from 0.7 mm to 1 mm thick. The **FIBERGLASS MESH CIMENTART** and the joints must be completely covered.

Any imperfection that may have remained, greater than 0.5 mm, should be sanded and the dust should be cleaned with a vacuum cleaner and a cloth moistened with water.

After this process, you can start the following application method.

### METHOD OF APPLICATION - FRESH ON FRESH SYSTEM

Once we have a surface already regularized and completely smooth, the method of application is this: apply a layer of **PRIMER CIMENTART**. After this coat has dried, apply **AQUA NATURE CIMENTART** in a thin layer of 0.7 mm, exerting slight pressure with the trowel and covering a surface of 1.5 m<sup>2</sup> to 2 m<sup>2</sup> maximum. Never apply thicknesses greater than 1 mm.

Immediately apply a second layer over the first layer. The first layer still fresh (without drying). This method of application we call fresh on fresh.

Lightly spray the last layer with water to make a completely smooth finish with the steel trowel. Do not abuse pulverizing.

The union of the first layer with the second layer will give a final application thickness of approximately 1.5 mm.

Continue with the next 1.5 m<sup>2</sup> to 2 m<sup>2</sup> in the same way, applying a layer and a second layer, always with fresh over fresh system.



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Allow time to elapse until **AQUA NATURE CIMENTART** is completely dry, approximately 4 to 8 h. The drying time depends on the temperature, ventilation and humidity in the room.

Once completely dry the two layers applied with the fresh system on fresh, sand with 80 - 120 grit and vacuum the dust. In this final coat, never use a cloth moistened with water to remove dust.

The imperfections and / or marks of the trowel that have remained in the application, when sanded, will make appear some very aesthetic shadows and soft spots, similar to polished natural cement.

Once dry, sanded and vacuumed and for a correct sealing of **AQUA NATURE CIMENTART**, apply a layer of **SEALER CIMENTART** and two layers of **BI-COMPONENT POLYURETANHE CIMENTART**.

The cleaning of the tool used is done with water.

### CAUTIONS

If you need to dilute the product with water to obtain a more fluid concrete for application, do not exceed a maximum of 5% dissolution.

Never apply the product on substrates that are wet, damp or have capillary moisture. Do not apply the product if there is humidity in the environment of more than 50%.

Do not apply in layers greater than 1 mm.

Do not apply with risk of frost or rainy weather. Do not apply at temperatures below 5°C or above 35°C.

Never leave the last layer in half, once begun continue until its completion without stoppages, so that you do not see imperfections or joints. If the surface is very large, the application must be made by several people at the same time.

Furniture should never be placed where the legs finish is: pointed, rounded, with rigid plastic protectors, etc ... the entire weight is concentrated in a single point and can mark the micro-cement.

The legs of chairs, tables or furniture must have a wide and straight termination and must always have protective felts placed. All rigid plastic leg protectors should ALWAYS be removed. A protective felt must be placed.



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Completely avoid the dragging of furniture, appliances or other objects or tools on a Microcement pavement.

The cleaning of the tool used is done with water.

Merchandise considered not dangerous for transport. Aqueous base, free of solvents, alcohols or flammable products.

Use the appropriate PPE, contains cement, irritates the eyes. Do not put within the reach of children, avoid contact with eyes and skin through the appropriate PPE. In case of contact with the eyes, rinse thoroughly with water and consult your doctor in case of subsequent discomfort.

Once the application is finished, let it dry completely and allow at least 4 days to elapse, before applying any other coating and 7 days before moistening or wetting with water.

### EFFICIENCY

The approximate efficiency per layer is  $\pm 1 \text{ kg} / \text{m}^2 / \text{layer}$  (if you need to regularize) and  $1.5 \text{ kg} / \text{m}^2$  for the final layer (fresh on fresh system).

### RECIPIENTS SIZE

Containers of 5 kg and 20 kg.

### STORING

12 months, in a dry place protected from bad weather in its original recipient hermetically closed.

CIMENTART MICROCEMENT SL. Our systems are based in the research done at our laboratories and the many years of practical experience we have.

We decline any responsibility if the end result is affected by external factors not under our control.

The customer must check that the product supplied is adequate to the needs that is going to be used for, doing a test in any case that may be necessary.

*Date of Review: 15-04-20.*

*The present document cancels the earlier editions.*



**RESPONSIBLE CARE**  
El Compromiso de la Industria Química  
con el Desarrollo Sostenible

