

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 1.2 to 1.5 mm. It can be applied to most surfaces and supports.

TECHNICAL DATA

Presentation	Ready to use white paste.
Granulometry	0.4
Clasification UNE EN 12004:2008	D2
Density	2.4 kg/dm3
Adherence to concrete	A 28 d : superior to 19 kg/cm2
Mechanical Resistance	Compression at 28 d superior to 75 kg/cm2
Flexibility	>08/N mm2
Drying time	4 – 6 hours to 20°C / 60% Relative Humidity
Base	WATER
Efficiency	1.5 kg / m2 approx / 1.5 mm thickness
Application Temperature	+ 5° °C / + 35°C
Mixing Relation	Product Ready-to-Use. Add maximum a 5% of water
Combustion point	Not flammable
Packaging Format	5 and 20 kg Buckets
Slipiness	C3
Disolvents	Exempt
Epoxy	Exempt
Resistance to bacteria development	99%
Shipping	Not dangerous for transportation
Storing	Not dangerous for storing
UNE	Classification according to UNE EN12004: 2001 C1TE

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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 m² to 2 m² 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 m² to 2 m² 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.

Protect furniture, chairs or tables with protective felts.

The cleaning of the tool used is done with water.

Never drag furniture or other objects and protect the pavement if you are going to do others construction work on the pavement.



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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: 15-09-18.

The present document cancels the earlier editions.

