

**AQUA STONE
CIMENTART**

**TECHNICAL DATA
SHEET**

**Decorative continuous lining,
without need of joints**

1.5mm natural stone finish without joints

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

Easy sanding

**High level of
resistance to
abrasion**

Interior and exterior

**35 different colors
available**

100% waterproof

CIMENTART®
MICROCEMENT



INNOVATE SME

Valid until Nov 16th 2020



Commitment with the environment

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CIMENTART AQUA STONE – TECHNICAL DATA SHEET

Aqua STONE CIMENTART is a mineral micro mortar composed of minerals, polymers, aggregates, resins, dyes and special waterproof additives, prepared and ready to use.

It is used for coating of surfaces, creating a decorative effect, which imitates the natural Stone in the surfaces that is applied, such as floors, walls and ceiling without the need of joints.

Its beauty, hardness, impermeability, ease of application and versatility (can be placed on most materials and supports) and having a thickness of only 1.5 to 2.5 mm, makes it a product so far nonexistent and incomparable with other decorative coatings.

TECHNICAL DATA

| | |
|---|--|
| Presentation | Ready to use white paste. |
| Granulometry | 0.4 |
| Clasification UNE EN 12004:2008 | D2 |
| Density | 2.4 g/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 |
| Output | 1 kg m2 aprox / 1 mm density |
| Application Temperature | + 5° °C / + 35°C |
| Mixing Relation | Product Ready-to-Use. Add maximum a 5% of water |
| Combustion point | Not flammable |
| Packaging Format | 3 kg Buckets |
| Slipiness | C3 |
| Disolvents | Exempt |
| Epoxy | Exempt |
| Resistance to bacteria development | 99% |
| Shipping | Not dangerous for transportation |
| Storing | Not dangerous for storing |

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SURFACES

The supports where **Aqua STONE CIMENTART** is applied should be resistant and clean, stable, free of dust, grease and any material that hinders its adherence.

For a correct application of **Aqua STONE CIMENTART**, it is necessary to have a completely rigid support, without movement or expansion. Never apply on a bad shape surface such as broken tiles or bad paint.

State you have to clean the defective area and wait for it to dry completely before starting the application of **Aqua STONE CIMENTART**.

Aqua STONE CIMENTART can be applied on walls and floors, indoors and outdoors, on an infinity of supports such as:

- Paint.
- Cement and plaster.
- Wood and Plasterboard.
- Tile, ceramic and porcelain.
- Marble and granite.

On surfaces that need to be regularized, apply a layer of **Primer CIMENTART**. After this layer has dried, apply **Aqua STONE CIMENTART** in a thin layer of 1 mm.

In floors, it is applied after the **Fiberglass Mesh CIMENTART** and the union of the two materials avoids cracking and has a greater mechanical resistance.

INSTRUCTIONS FOR USE IN SMOOTH SURFACES

If you have not previously applied a coat of **Primer CIMENTART**, apply it now.

Open the container and mix very well with a spatula or mixer for paints, until the paste is completely homogeneous.

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APPLICATION OF THE SECOND LAYER AND TEXTURIZATION OF NATURAL STONE

Apply a second layer of **Aqua STONE CIMENTART**, from 1.2 to 1.5 mm maximum thickness. In sections of 1 to 2 m² maximum, with steel trowel and automatically begin the texturing.

The texturing should be done when **Aqua STONE CIMENTART** immediately after application, before it starts to harden.

To do this, we need to use the **CIMENTART Texture Roller**.

Wet the **CIMENTART Texture Roller** with water and pass through the surface applied from top to bottom (in the case of walls) or from front to back (in the case of floors), a distance of 25 to 30 cm maximum (this is the distance that the dampened roller travels, if it is continued for more distance, the roller will stick to **CIMENTART Stone**.)

Moisten the **CIMENTART Texture Roller** again and continue another 25 to 30 cm, and so on.

Once finished the texturization of the applied section, continue with the application of the layer of 1.2 to 1.5 mm of **Aqua STONE CIMENTART** another m² to 2 m² and re-texture in the same way.

The application of **Aqua STONE CIMENTART** is always the same way; is immediately applied and texturized, re-applied and re-textured, never applied to a whole wall or floor and then texturized. With the freshly applied paste from **Aqua STONE CIMENTART** we get the effects of natural stone. If the paste hardens we will not be able to perform the texturing.

The texturing is done without any kind of pressure.

Once the textured layer of **Aqua STONE CIMENTART** has completely dried, moisten a sponge trowel with the **CIMENTART Mixing Resin** and ink the application with short circular movements.

Once this application dries, we repeat the operation one or two more times until we are satisfied with the termination.



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FINISHING OF Aqua STONE CIMENTART

To achieve total protection and impermeability, we will finish with 2 layers of **Polyurethane bi-component CIMENTART**, taking special care that the pores and imperfections of the surface of **Aqua STONE CIMENTART** are well covered.

EFFICIENCY

The approximate efficiency for the first layer of regularization of the supports is: 1 kg / m² / 1 mm thick.

The approximate efficiency for the last layer is: 1.5 kg / m² / 1.5 mm thickness.

PRESENTATION

- Recipients of 5 kg and 20 kg.

STORING

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

CAUTIONS

Be careful that the more the surface is pigmented with the sponge, **Aqua STONE CIMENTART** more will remain darker.

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%.



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Do not apply in layers greater than 1.2 to 1.5 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.

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.

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.

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The present document cancels the earlier editions.



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

