

**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 iCem AQUA STONE – TECHNICAL DATA SHEET

CIMENTART Stone iCem AQUA BASE 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 **iCem 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 **iCem 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 **iCem AQUA STONE CIMENTART**.

iCem 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, 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 **CIMENTART Stone**, 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 **CIMENTART Stone** 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 **CIMENTART Stone** another m² to 2 m² and re-texture in the same way.

The application of **CIMENTART Stone** 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 **CIMENTART Stone** 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 **CIMENTART Stone** 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.



FINISHING OF CIMENTART STONE

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 **CIMENTART Stone** 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 yield for the last layer is: 1.5 kg / m² / 1.5 mm thickness.

PRESENTATION

- Recipients of 5kgs 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, more will remains darker CIMENTART Stone.

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.

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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 1.5 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.

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.

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.

Date of Review: 15-04-18.

The present document cancels the earlier editions.



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

