

### DESCRIPTION

**AQUA BASE** is a ready-to-use, mineral micro-mortar composed of minerals, polymers, aggregates, resins, dyes and special waterproof additives.

It must be applied in layers of 1 mm maximum. It is used for the PREPARATION of any type of substrate, covering of grout lines in wall or floor tiles, for the subsequent application of fine microcement, both indoors and outdoors, perfect for the later fine coats using **AQUA MICROCONCRETE** or **AQUA QUARTZ**.

Thanks to the evolution of the nanotechnology\* (def: field of science dedicated to the control and manipulation of matter on a scale smaller than a micrometer, atoms and molecules), our R&D Department, and tests based on our experience for more than 8 years, **CIMENTART MICROCEMENT** has managed to develop the first and only WATERPROOF microcement on the market, especially for showers, ready to use and with a high quality.

### PRODUCT ADVANTAGES

- Ready-to-use micro-mineral base
- 100% WATERPROOF
- Easy application, no need for experience
- Regularization of substrates in 1 mm layers
- Continuous coating without joints
- Excellent adhesion on any substrate
- a hardness comparable to any microcement on the market
- Abrasion high resistance
- Great elasticity, which allows it to resist large tensions or building movements
- Ideal product for preparing substrates and covering tile joints, tile, stoneware, porcelain, etc.
- 90% less dust than other microcements when sanding.
- Application on floors and walls
- Interior and exterior use
- Can be pigmented with any water-based, universal pigment and using a tintometric machine.

### SUBSTRATES

The substrates where AQUA BASE CIMENTART is applied should be clean and stable, free of dust, grease and any material that hinders its adherence.

For a correct application of AQUA BASE, it is necessary to have a completely rigid substrate without movement or expansion. Never apply on an unstable surface such as broken tiles or bad paint.

Clean any defective area and wait for it to dry completely before starting the application of AQUA BASE.

AQUA BASE can be applied on walls and floors, indoors and outdoors, on a wide variety of substrates such as:

- Painted surfaces
- Cement and plaster
- Wood, drywall, and cement boards
- Ceramic and porcelain tile
- Marble and granite
- Foam boards (walls/ceilings only as they can dent internally in floors if not mitigated)

### APPLICATION PROCESS

- Aqua Base is only recommended for preparing walls and floors of bathrooms and showers.
- On substrates that have grout lines or joints of more than 2 mm deep, use CIMENTART PRIMER PLUS and then fill the deep joints/grout-lines with an initial narrow coat of Aqua Base.
- If the joints are thin, spread the fiberglass mesh and apply a layer of PRIMER PLUS on each substrate, in a homogeneous way, with a microfiber roller or brush and wait for it to dry completely, with special attention in areas that have joints or grout-lines so they are well covered.
- Open the container and mix well with a spatula or mixer for paints, until the paste is completely homogeneous. Apply 2 to 3 coats, as needed with drying between, exerting pressure with the trowel with a maximum thickness of 0.7 to 1 mm each layer until obtaining the desired continuous finish.
- The thickness of 0.7 to 1 mm is achieved with the steel trowel inclined at 45 ° and exerting a certain pressure when applying the product. This product should never be applied without exerting pressure with the trowel or in layers thicker than 1 mm, as it will lose hardness.
- To save on sanding time and smooth out the base coat even better, pass with pressure over the newly applied layer with a trowel with no new product at approximately 5 degrees to compress all air out of the layer.
- On very dry substrates or environments, the surface where we will apply AQUA BASE can be lightly moistened with water with the help of a diffuser spray without flooding the areas. This process can also be done between layers.



- The application of all the layers must be done with short and semicircular movements leaving the entire surface well covered and leaving minimal imperfections. Allow to dry completely and apply the next layer until it has a completely regularized substrate, seeing the fiberglass mesh after first layer and not after the second or final layer.
- It is recommended to sand the final layer of Aqua base applied with 40 or 60 grit sandpaper. After each sanding process, thoroughly vacuum the dust and/or remove it with a slightly moistened cloth.
- You can then continue with the application of the rest of the process, with any CIMENTART fine coat finished with 1 layer of sealer and two of polyurethane varnish for easy cleaning.

- Never leave the final layer partially done. Once begun, continue until its completion without stoppages to avoid cuts or joints. If the surface is very large, the application must be made by several people at the same time.
- Use the appropriate Personal Protective Equipment (PPE) to protect the eyes, face, and skin. In case of contact with the eyes, rinse thoroughly with water and consult your doctor
- Do not put within reach of children

### DRY TIME

Drying time depends on the temperature, ventilation and humidity:

### CLEANUP

Any tools using the Cimentart system can be cleaned with water and dish soap prior to the product on them hardening.

### PACKAGING AND COVERAGE

Aqua Base is available in sizes:

- 11lb or 5KG buckets cover approximately 25 sq. ft.
- 44lb or 20KG buckets cover approximately 100 sq. ft.

*\*Coverage is based on 2-coat applications. Efficiency of .2lb/ft<sup>2</sup> (1 kg / m<sup>2</sup>) per layer of 1 mm thickness decreases on rough or porous surfaces.*

### TRANSPORTATION

Product merchandise is not considered dangerous or hazardous for transport. Aqueous base is free of solvents, alcohols or flammable products.

Never allow product to freeze.

Never transport product in enclosed trailers with high heat.

### STORAGE AND SHELF LIFE

Store containers in a dry place protected from bad weather (extreme heat or cold).

Keep material in original containers, ensure container seals well if it has been opened.

Shelf life is 12 months.

### LIMITATIONS

- Do not apply in layers greater than 1 mm (an American dime is 1.3 mm thick)
- Respect the recommended drying times
- Good ventilation is necessary in the rooms where it is applied
- Do not apply at temperatures below 41°F(5°C) or above 95°F(35°C)
- If applying exteriors, do not apply with risk of frost or rainy weather and tent the area during application and dry time if in full sun on hot days
- If you need to dilute the product with water to obtain a more fluid concrete for the application, do not exceed a maximum of 5% solution.
- Never apply the product on substrates that are overly wet or have capillary moisture from below. If you have risk of moisture and salts coming up from below, apply a penetrating sealer before applying our Cimentart decorative coatings, both bases and fine coats.
- NOT for applications with fully submersed water areas or areas with standing water
- Commercial applications should follow the IBC (International Building Codes) when product is specified
- Furniture legs placed on product should always have felt pad coverings, no exceptions
- Furniture legs with rigid, plastic leg protectors should always be REMOVED
- Completely avoid dragging furniture, appliances or other objects or tools on a microcement floor



### TECHNICAL DATA MATRIX

<b>Presentation</b>	<b>Ready to use white paste.</b>
<b>Granulometry</b>	<b>0.4</b>
<b>Classification UNE EN 12004:2008</b>	<b>D2</b>
<b>Density</b>	<b>2.4 g/dm3</b>
<b>Adherence to concrete</b>	<b>A 28 d : superior to 270 psi (19 kg/cm2)</b>
<b>Mechanical Resistance</b>	<b>Compression at 28 d superior to 1000 psi (75 kg/cm2)</b>
<b>Flexibility</b>	<b>&gt;08/N mm2</b>
<b>Drying time</b>	<b>4 – 6 hours to 68 °F (20°C) / 60% Relative Humidity</b>
<b>Base</b>	<b>WATER</b>
<b>Efficiency</b>	<b>.2 lb./ft2 (1 kg m2) approx. / 1 mm density per layer</b>
<b>Application Temperature</b>	<b>+ 41°F (5 °C) / + 95°F (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>11 lb. (5kg) and 44lb (20 kg) Buckets</b>
<b>Slipperiness</b>	<b>C3</b>
<b>Dissolvents</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>

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: 08-01-24. The present document cancels the earlier editions.*

