



ATLANTTIC

AQUACIMENT®

Two-component microcement for swimming pools



Atlantt Aquaciment® microcement has been formulated for application in swimming pools. The products that compose the system are:

Atlantt Aquaciment® XL: Finishing microcement (Component A).

Atlantt Aquaciment® XXL: Preparation microcement (Component A).

Acricem Pool: acrylic resin that acts as Component B of the microcement.

Topsealer® WT Pool: Sealer.

Atlantt Aquaciment® is not a waterproofing mortar. Atlantt Aquaciment® should be applied on shotcrete or gunite concrete as well as reinforced concrete formwork. This system should never be applied over other microcements, gresites, cementitious adhesives, waterproof mortars, or paints.

The substrate should be clean, consolidated and in a good planimetric condition.

Atlantt Aquaciment® must be applied in the following colours: white and natural white (unpigmented).

Properties

- Continuous seamless coating.
- Excellent workability.
- High adhesion to the substrate.
- Quick application and start-up.
- Permeable to water vapour.
- Low water absorption.
- Non-slip texture (if not applied fresco on fresco).
- Designed for pools: edges, crown, and basin.
- Suitable for other surfaces in contact with water, such as terraces, walls, and facades.

Instructions for use

Preparation of the mortar:

1. Pour the indicated amount in the Acricem Pool mixing section (component B) into a bucket. Then shake the pigment and mix it with the resin to obtain a homogeneous coloured liquid.
2. Pour Atlantt Aquaciment® XL or XXL (component A) gradually, while mixing the product with a low speed mechanical mixer.
3. Mix for at least 2-3 minutes until a homogeneous, lump-free mixture is obtained.

Mixing:

Atlantt Aquaciment® microcement is prepared by homogeneously mixing the powdered component A (Atlantt Aquaciment® XXL for the preparation of the substrate and Atlantt Aquaciment® XL for the finishing coats) with the liquid B-component Acricem Pool:

- 10 kg of Atlanttic Aquaciment® XL - 3,2 - 3,5 litres of Acricem Pool resin.
- 10 kg of Atlanttic Aquaciment® XXL - 3 - 3,1 litres of Acricem Pool resin.

Mixing ratios may vary depending on climatic conditions.

Consumption:

Consumption on consolidated substrate and in good planimetric conditions:

- Atlanttic Aquaciment® XL (2 coats) 3.0 kg/m²
- Atlanttic Aquaciment® XXL (2 coats) 4.0 kg/m²

These consumptions may vary depending on the conditions of the surface to be coated.

Technical data

Type	Two-component microcement
Appearance	White powder
Maximum aggregate size	0,6 mm (XL) 0,9 mm (XXL)
Compressive strength (EN 13892-2):	28 days: ≥ 55 N/m ²
Flexural strength (EN 13892-2):	28 days: ≥ vv9 N/m ²
Adhesion strength (EN 13892-8):	28 days: ≥ 1,5 N/m ²
Slip resistance (EN-ENV-12633):	Class 2 or 3 depending on the finish to be left

Application

1. Apply a primer of Acricem Pool to the substrate by roller leaving it to dry between 30 to 45 minutes.
2. Apply the first coat of Atlanttic Aquaciment® XXL (without pigment) and allow to dry for 4 to 8 hours between coats. Drying time will depend on weather conditions. Apply the second coat of Atlanttic Aquaciment® XXL (with pigment) and allow to dry for the same time as the first coat.
3. Apply two coats of Atlanttic Aquaciment® XL (pigmented) and allow to dry for 24 hours. The second coat can be applied "fresh on fresh".
4. 24 hours later, apply two coats of Topsealer® WT Pool (4-8 hours between coats) using a roller, completely covering the entire surface, and allow it to dry for 7 days to achieve maximum performance.
5. Proceed to fill the pool.

Do not fill the pool before seven days have passed since the sealing with Topsealer® WT Pool.

Avoid the product coming into contact with water during steps 4 and 5, as unwanted marks may appear. Always ensure that the water inlet is properly closed and suspend the application in case of rain forecast.

For a smoother finish, you can sand between microcement layers with 24 or 40 grit sandpaper, depending on the desired degree of smoothness. The Atlanttic Aquaciment® XL system can also be applied using the "fresh on fresh" technique, using a water sprayer on the final coat and then refining with a metal trowel.

A total system thickness of 3 to 5 mm is recommended.

Special precautions

This product contains cement.

- Avoid contact with eyes and skin and avoid inhalation of dust.
- Use rubber gloves and protective goggles.
- Do not apply the product at room temperature lower than 10°C and not higher than 30°C.

Low temperatures extend and high temperatures significantly reduce the shelf life and drying time of the product. Empty containers must be disposed of in accordance with current legislation. Keep out of reach of children.

Maintenance

It is recommended to clean with high-pressure water every 1 or 2 years and renew the final coat of Topsealer® WT Pool. For this, we recommend sanding the surface beforehand.

Water care products should not be added directly to the pool tank, as they may cause white spots and discolouration as they settle to the bottom of the pool. In the case of liquid or granulated products, dissolve the appropriate dosage in a container of water beforehand and then add the product to the skimmers from where it will be transferred to the water tank. The pH of the water should be kept between 7.2 and 7.6.

Packaging

It is packaged in 18 kg buckets.

Pot life of the product

The pot life of the mixture (component A + component B) is 30 minutes at about 20°C.

Cleaning of tools

Tools are washed with soap and water immediately after use.

Storage conditions

It should be stored in its original closed container and protected from the weather at temperatures between 10°C and 25°C, in a dry and well ventilated place, away from sources of heat and direct sunlight. The shelf life is 24 months from the date of manufacture, if stored properly.



The product must not be used for purposes other than those specified, without first having written instruction in its handling. It is always the responsibility of the user to take appropriate measures in order to comply with legislative requirements. The Safety Data Sheets of the product are available to the professional.

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