

Waterproofing Systems / Capillary Waterproofing Systems**AQUAFIX® C**

Concentrated Crystallized Water Insulation Material

Description

Cement based, crystallized powder mortar, made of specifically selected fine aggregate and concentrated chemicals which are activated by water and moisture. It is applied in **positive** and **negative** directions. It is more concentrated than **AQUAFIX Crystallized Water Insulation Material**. It can directly be applied on the concrete or as the first layer prior to **AQUAFIX**, to provide better penetration.

Application Areas**Positive Water Pressure:**

- Water tanks and swimming pools
- Waterproofing of groundwork and curtain walls
- Dams and irrigation canals
- Sewer system pipes, waste water tanks, concrete pipes, manholes and cisterns.

Negative Water Pressure:

- Interior waterproofing of basement walls and grounds
- Exterior waterproofing of water tanks
- Retaining walls and elevator excavation
- Tunnels and subways
- Floors and horizontal joints.

Advantages

- Effective in both positive and negative water pressure
- Penetrates better to the concrete due to **high amount** and **concentrated** chemicals it contains
- Enables to ensure 100% coverage of the surface thanks to its red color
- Integrates with the surface where it is applied, penetrates into the surface and provides long lasting and complete waterproofing
- At each contact with the water, it fills the capillary voids of the concrete with its crystallized structure and provides impermeability
- Non-poisonous. Perfect for water tanks
- Protects the concrete and the reinforcement iron by preventing corrosion. Air and water vapor permeable, allows the construction to breathe
- Can be applied on fresh concrete that has not set yet
- Resistant to freeze-thaw cycle.

Consumption

Slurry	Positive water pressure: 1 - 2 kg/m ² (on 2 layers) Negative water pressure: 2 kg/m ² (on 2 layers)
Plaster	2 - 3 kg/m ² (on 5 mm plaster)
Dry Sprinkle	3 kg/m ²

A Packaging

5 kg tin cans

Technical Properties

Appearance	Red colored fine powder
Powder Density	~ 1.20 kg/L
Water/Aquafix C Mixing Rate	Slurry: 1/2.50 - 2.75 Trowel Consistency: 1/3.50 - 3.75 Plaster: 1 Aquafix C/2 measures of water to obtain trowel consistency
Resting Period	3 - 5 minutes



Technical Data Sheet (TDS)

Form No: 5.01 TDS Aquafix C
Rev: 02 – 05/2018

Date
14 March 2019

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Pot Life	15 minutes
Application Temperature	Between +5°C and +35°C
Service Temperature	-20°C / +70°C

* Application instructions and technical data provided for the products are obtained in line with our experience and the tests are implemented according to international standards, under ambient temperatures of 23±2°C and ambient relative humidity conditions of 50%±5. Higher temperatures decrease while lower temperatures increase these durations.