colorificio MASTER

NEWTON

Quartz coating
ANTI-ALGAE elastomeric
certificate

Description Acrylic coating**ANTIALGAE certified, by carrying out the determination of the resistance to algae growth, UNI EN ISO 15458: 2014 standard (certificate n ° 119 / L of 03/26/2018 issued by GFC Chimica srl of Ferrara)**, elastomeric based on quartz flour for external surfaces. Thanks to the use of an encapsulated biocide, the product avoids the growth of algae, mold and fungi on the surface, to obtain a longer lasting protection a water-soluble biocide was not used, which dries out quickly with the rain, but a water-soluble biocide was used. encapsulated biocide that has excellent resistance to atmospheric agents and UV rays.

Composition Based on acrylic resins, encapsulated biocide, quartz flour and selected pigments in aqueous dispersion.

Specific weight
medium 1,500 kg / lt

Surrender 12 - 14 sqm / l per coat

Percentage by weight of the dry resin on the total dry 17% +/- 1

Coverage Great

Filling Optimal

Appearance of the film Opaque

Resistance to weathering The product completes the polymerization and drying process in 10 or 15 days in optimal environmental conditions (5-30 ° C; RH max. 85%).
Should the product occur in this period of time rainy events, unsightly drippings with a translucent and sticky appearance could be highlighted. This phenomenon is temporary, which does not affect the resistance of the product and can be easily eliminated by washing or waiting subsequent rainy events

Resistence
on the outside Excellent in light and atmospheric agents.

Resistance to algae growth

Development on specimen
0

Evaluation scale (ref. UNI EN 15458: 2014 standard)

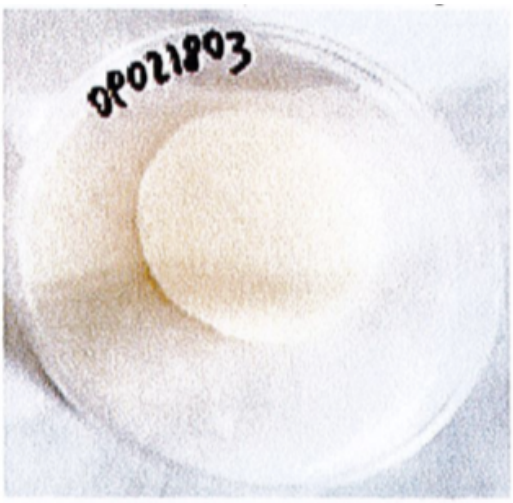
0 = no development both on the specimen surface and in the plate 1 = algal development on the specimen with biocide <specimen without biocide 2 = algal development on the specimen with biocide ≥ specimen without biocide

The product is considered effective in counteracting algal development if the result is ≤ 1.

The test is passed as there is no algal development. *

*** certificate n ° 119 / L dated 26/03/2018 issued by GFC Chimica srl of Ferrara**

In the photo below you can see the resistance of the sample to algal attack.



The code 09021803 is an internal code of GFC Chimica necessary for the traceability of the sample during the execution of the tests.

storage In tightly closed package

Use Plaster and masonry

Application	Brush and roller
Dilution	25% - 40% by volume with water
Temperature of application	10-35C ° relative humidity max. 85%
Drying at 25 ° C	4 - 6 hours
Over application	6 - 8 hours
Color	White and color chart
Pack of sale	0,750 lt - 4 lt - 14 lt
Cleaning tools	Water and detergent

Preparation of the support

NEW WALL
- Brush to remove any inconsistencies on the substrate.
- Apply a coat of DYON 46 acrylic insulation diluted 1: 6 with water.
- Apply two coats of NEWTON according to the instructions above.

ON ALREADY PAINTED WALL
- Eliminate any inconsistencies in the substrate by carefully brushing and cleaning the substrate.
- Check the adhesion of the old paints, if necessary remove them with a wet sponge, scraper, brushing, sandblasting etc.
- Apply a coat of undiluted PROFIX solvent-based insulation.
- Apply two coats of NEWTON according to the instructions above.

ON WALL WITH PRESENCE OF MOSS, MOLD AND LICHENS
- Perform a water cleaning of the surface to eliminate the microorganisms present on it.
- Apply an undiluted coat of PULISAN and wait 6 hours
- Apply a coat of undiluted PROFIX solvent-based insulation.
- Apply two coats of NEWTON according to the instructions above.

NB.
On new plaster it is advisable to wait at least 30 days for the application of NEWTON so as to allow a complete curing of the substrate.
On crumbling plaster, it is advisable to apply a coat of undiluted PROFIX solvent-based insulation.

SPECIFICATION ITEM (for tenders and estimates)

Description Acrylic coating**ANTIALGAE certified, by carrying out the determination of the resistance to algae growth, UNI EN ISO 15458: 2014 standard (certificate n ° 119 / L of 03/26/2018 issued by GFC Chimica srl of Ferrara)**, elastomeric based on quartz flour for external surfaces. Thanks to the use of an encapsulated biocide, the product avoids the growth of algae, mold and fungi on the surface, to obtain a longer lasting protection a water-soluble biocide was not used, which dries out quickly with the rain, but a water-soluble biocide was used. encapsulated biocide that has excellent resistance to atmospheric agents and UV rays.

Specific weight
medium 1,500 kg / lt

Percentage by weight of the dry resin on the total dry 17% +/- 1

Resistance to algae growth

According to the certificate n ° 119 / L dated 269/03/2018 issued by GFC Chimica srl of Ferrara, the product on the evaluation scale**(ref. UNI EN 15458: 2014 standard),**resulted in 0 = no development

Development on specimen
0

Warnings

- The substrate temperature must be at least 3C ° higher than the condensation temperature.
- Apply the product with temperatures ranging from 10C ° -35C ° and with a relative humidity of max. 85%
- If the product is applied indoors, a continuous air exchange is required, so that the water vapors escape.
- Apply the product on a carefully treated surface.
- The yield may vary according to the characteristics of the substrate.
- Do not apply the product in direct sunlight.