



Evolución Constante

Technical Data Sheet



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BIOTEM CON CONSERVANTE ANTIBACTERIAS Y ANTIMOHO BIOTEM (WITH ANTI-MOULD AND ANTIBACTERIAL PRESERVATIVES)



DESCRIPTION

Water-based matte plastic paint resistant to bacteria (on the film), excellent quality for interiors, formulated with the latest technology in special copolymers emulsion with pigments and fillers of maximum quality. Anti-mould effect (on the film).

PROPERTIES

Excellent washability, matt finish, coverage, adhesion, performance and whiteness, easy to apply, anti-mould and anti bacterial effect (on the film).

APPLICATIONS

It inhibits and prevents the growth of bacteria on the film, even after repeated cleaning cycles. Unalterable effect over time.
For interior decoration, on plaster, cement, brick, fibrocement, etc..
To offer a good finish on smooth surfaces, avoid mould and for an antibacterial effect on the film.
For health and food facilities, etc. wherever hygiene means are important for human health.

TECHNICAL CHARACTERISTICS

Appearance: Smooth and deep matte.

Whiteness: Excellent.

Wet scrub resistance: Class 2 (UNE-EN 13.300).

Adhesion: Excellent.

Fineness: $6,0 \pm 1$ H.G. (Hegman grade) (UNE-EN-ISO 1524).

Viscosity: 110 ± 15 U.K. (Krebs Units) at $25 \pm 10^\circ\text{C}$ (UNE 48.076).

Density: $1,52 \pm 0,10$ gr/cc (UNE-EN-ISO 2811-1).

Coverage: Excellent.

Performance: 9-12 m² / L and coat.

Drying : 30-60 minutes.

Recoating: 4-6 hours.

Utensils: Water cleaning.

Conservation: Over one year in closed original container.

Non flammable.

VOC: 2004/42/II (A/a) (75/30) Max. VOC: 15 g/L.

HOMOLOGATIONS AND TESTS

Certificates: The laboratories of Microbiological Control confirm the resistance to most common bacteria on the paint film: *S. aureus*, *legionella*, *salmonella*, *a.niger*.

Test of antimicrobial capacity using the standard JIS Z 2801 (ISO 22196):

Result: $R \Rightarrow 2$, which means elimination of the bacterial population greater than or equal to 99.9% compared with *Legionella strains pneumopila*, *staphylococcus aureus*, *salmonella*, *aspergillus niger* and *typhimorium*.

SURFACE PREPARATION

New surfaces: Remove loose parts, moulds, cover cracks, etc..

Painted surfaces:

-with temper or lime, remove previously.

-with paint, remove the parts in poor condition.

We will be able to assess the quality of the finish depending on how the substrate (wall) will be.

INSTRUCTIONS FOR USE

Apply a first coat diluted with 15-25% of drinking water and a second coat diluted with approximately 5-15%. Apply with a brush, roller or spray-gun. Brush and roller: dilute 5-15%; spray-gun 15-30%.

If the surface presents adhesion problems, apply first our Acrylic Fixative (Fijador Acrílico) or our Solvent-based Fixative (Fijador al Disolvente).

RECOMMENDATIONS

Do not paint in rainy weather or at temperatures below 5°C.

Remove the content of the package.

Do not clean the painted surface before 20 days.

PRESENTATION

Available in 750ml, 4L and 15L.

STORAGE

Storage time: over one year in original container closed and protected from the elements (sheltered and at a temperature between 5 and 35°C).

SAFETY INFORMATION

If applied with a spray-gun, the use of an appropriate mask is recommended..

Keep out of reach of children.

In case of contact with eyes, rinse with plenty and clean water.

For more information, refer to the product safety data sheet.

DATE: 04/02/14

The data provided in this data sheet have been made by the technical departments of this company and they should be followed for a correct application of the product.

All the applications made by the customer out of the recommendations and without any possibility of control and prior consent from our company will be full responsibility of the customer.

It is also the customer's responsibility to take the appropriate measures in order to comply with legislation in force.

The information in this data sheet is based on knowledge of the product following to the tests carried out by the technical departments of our company. But considering that the paintings are beyond our control in certain circumstances, (especially regarding application), we can only guarantee the quality of the paint itself. The company reserves the right to modify the contents of this technical data sheet without previous notice.
