



ECOTOR BL

**NANO AND MICRO-PARTICLE SIZED ELBAITE
WITH NEGATIVE IONS EMISSION IN WATER DISPERSION**

ECOTOR BL is a semifluid paste of elbaite whose particle size is in the field of active micro and nanoparticles. Its main action consists in the emission of negative ions and FIR.



ECOTOR BL

CHARACTERISTICS

The essential feature of **ECOTOR BL** is its capacity to emit electro-negative charges on the surface of its particles and into the surrounding environment in any condition of light and to emit FIR as well.

Surface electro-negativity brings about strong ionisation of the surrounding environment. The ionisation and the FIR make the air cleaner and purer substituting for common electric ionizers with the advantage that **ECOTOR BL** does not use energy.

It also represents a valid barrier against the adhesion of any organic and inorganic particle and in particular of the dirt. As a consequence, the surfaces treated with products containing **ECOTOR BL** prevent the deposition of the dirt and, under the action of water, they turn out to be self-cleaning. This action remains active forever, provided that the presence of **ECOTOR BL** persists on the surface.

The dispersant contained in the mixture makes the dispersion of the product easier besides greatly improving the homogeneity of the finished product.

USE

ECOTOR BL is employed for its self-cleaning, ionising effects in water paints for interior and exterior use, in stuccoes and in skim plasters in paste and in any mixture requiring features of self-cleaning and bactericidal effect.

ECOTOR BL already contains the specific dispersant (*Disperflow CL*), so it is easy to disperse in any type of mixture.

Therefore it can be added to a normal water paint transforming it into a ionising, bactericidal, self-cleaning paint.

DOSAGE

The recommended dosage of **ECOTOR BL** is normally of 1.5 - 3.0% on the solid components of the mixtures.

Anyway, it is advisable to carry out preventive tests on the specific mixtures in order to establish the most suitable and convenient dosage according to the expected results.

STORAGE AND VALIDITY

If **ECOTOR BL** is stored in a dry place at a temperature ranging between 0° and 4° C, in the original containers perfectly closed, it has 12-month validity. A slight segregation of water does not jeopardize the efficaciousness of the product but requires good mixing before the collection of the product.

It is recommended to close the container with care after each collection to avoid the evaporation of the liquid vehicle.

The technical data reported in this bulletin were obtained with standardised tests or rules or their modifications or according to New Chemical Technology systems. Our technical service can be asked for the methods applied. What is reported in the present bulletin represents the best of our knowledge and experience. Anyway, we advise to carry out preventive tests when using the product differently from indicated. In any case, New Chemical Technology srl do not take any responsibility for any damage or defects caused by the use of their products, since using conditions of their products are not under their control. They also inform that their technical service is at the customers' disposal for any information concerning the right use of their products.

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SPECIFICATIONS

COMPOSITION: *Elbaite type B in aqueous dispersion*

STATE: *Liquid*

ACTIVE SUBSTANCE: *60%*

COLOUR: *Light grey*

DENSITY: *1,60 - 1,65 kg/dm³*

GRANULOMETRY:

min. 95% < 5 µm.

HUMIDITY: *max. 4.0%*

SOLUBILITY IN WATER:

Insoluble

STORAGE: *In a protected, dry place at a temperature ranging between 0° and 4° C*

RECOMMENDATION

In the present state of our knowledge there are no special recommendations for the manipulation of **ECOTOR BL**.

PACKAGING

10 - 25 kg. plastic buckets.