

ECOTOR B-GP

Micro and nano ionizing particles

Technical Data Sheet December 2020

PRESENTATION **ECOTOR B-GP** is a very fine powder of particular tourmalines with ionic activity, whose particle size is within the range of nano and microparticles. Its main feature is the capability to emit negative ions.

FEATURES The main feature of **ECOTOR B-GP** is its ability to emit electronegative charges on the surface of its particles and in the surrounding environment in all conditions of light. The electronegativity of surface promotes a strong ionization of the surrounding environment. The ionization makes the air cleaner and purer by substituting the normal electrical ionizers. It also constitutes an efficacious barrier to the adhesion of all organic and inorganic particles, especially of dirt particles. Because of this, the surfaces treated with **ECOTOR B-GP** are self-cleaning under the action of water. All these actions remain active as long as **ECOTOR B-GP** persists on the surface.

USE **ECOTOR B-GP** is used with success in the preparation of indoor and outdoor cement based plasters, water based paint, and silicate, hydrated lime, and synthetic resin based paints. To obtain a better distribution of **ECOTOR B-GP** in the final mixture, it is advisable to pre-disperse the mixture in a part of one of the components of the mixture and then add **Pentaflow PC 6** if the mixture is dry or **Pentaflow PCL 25** if the mixture is liquid or in paste. Since it is a natural product, we cannot ensure the constancy of the color.

	Data	Method	
TECHNICAL DATA	Active matter:	Mix of elbaite, uvite, and mineral oxides	
	State:	Powder	Visual
	Colour:	Pearl grey	Visual
	Specific gravity:	Max. 0.8 kg/dm ³	IST. 10.06
	Granulometry:	Min. 95.0% < 5 µm	IST. 10.09
	Humidity:	Max. 4.0%	IST. 10.04
	Water solubility:	Insoluble	IST. 10.21

DOSAGE The suggested dosage for **ECOTOR B-GP** is normally 2.0 – 3.0 % on the total weight of solid components. It is advisable to carry out preliminary tests on the specific mixtures in order to establish the optimum dosage depending on the expected results.

STORAGE AND VALIDITY If it is stored in a dry place and in its original bags kept perfectly closed, **ECOTOR B-GP** has a 12 months validity starting from the date on the delivery note. It is advisable to close the bags carefully after each collection.

PRECAUTIONS Please check the Security Data Sheet before using.

PACKAGING 5 and 10 kg plastic cans.
25 kg paper bags.