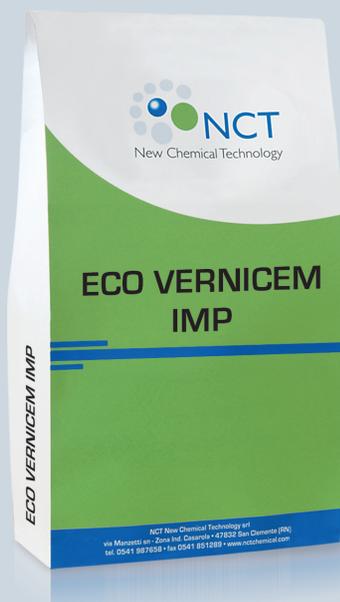




# ECO VERNICEM IMP

WATERPROOFING PHOTOCATALYTIC PAINT IN POWDER FORM

**ECO VERNICEM IMP** is a mixture in powder form consisting of white cement, mineral charges, organic additives which, just with the addition of water, becomes paints for external and internal use having very high opacity, durability in time and impermeability.



# ECO VERNICEM IMP

## CHARACTERISTICS

As already said, **ECO VERNICEM IMP** is made up of white cement, selected, checked calcareous aggregates, hydrated lime, organic additives able to give it excellent fluidity, applicability with a brush and impermeability; of a mixture of metallic micro-nanoparticle oxides (*Tor-A and Tor-B*) which make the paint highly ionising and of a water repellent additive.

The cement base makes it highly adhesive to any type of plaster, concrete and supports compatible with cement without substantially modifying their capacity of transpiration. Some organic additives make it easily applicable, whilst the activators *Tor-A* and *Tor-B* provide for the ionisation of the air on its surface making the surrounding environment more liveable.

The ionising effect is obtained both externally and internally, independently from the presence of light and is stimulated and boosted by environmental magnetic fields. This feature, combined with the use of *Eco AB-05* is particularly useful for the sanitization of wet environments and for the prevention of mould formation.

## PREPARATION

After mixing it perfectly with water, the paint obtained can be sprayed or applied with a brush, a roller or a spatula, depending on the desired thickness. The application with a brush requires at least two coats to avoid surface dusting after total drying. In order to obtain the best results, it is advisable to pour the quantity of water needed for the preparation of the mixture into a container, then add **ECO VERNICEM IMP** powder while stirring up to obtain a smooth paint, without any lumps and of the right consistency.

The needed water is normally 43 – 45 litres per 100 kg of powder. The time of workability of the product is normally about an hour at an ambient temperature of 20°C. After this period of time an increase in viscosity may occur; it is caused by the beginning of the formation of cement gels. In such a case, if the viscosity is so high to make the application difficult, it is advisable not to use the mixture.

*It is therefore recommended to prepare only the quantity that is potentially applicable in the specific conditions.*

## APPLICATION

**ECO VERNICEM IMP** can be applied with the above tools without making any distinctions between the painting of new plasters and of aged supports, provided that the surfaces to treat are cleared in advance of loose materials, grease, paint, lime or any other substance that might make the adhesion of **ECO VERNICEM IMP** unstable.

If the surfaces to treat present any hollow or unevenness in the planarity, it is advisable to smooth them at least 24 hours before painting.

No other opaque and/or thickening treatment able to nullify the ionising effect can be applied on the **ECO VERNICEM IMP** paint. Coloured surfaces are obtainable by adding any type of pigment to the mixture of **ECO VERNICEM IMP**, provided that it is stable both to the light and to the alkaline environment of cement.

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

**STATE:** Powder

**COLOUR:** White

**APPARENT SPECIFIC WEIGHT:**  
about 1,3 kg/dm<sup>3</sup>

**BATCH WATER:** about 45 l  
per 100kg of **ECO VERNICEM IMP**

**CONSISTENCY OF THE BATCH:**  
Fluid

**pH OF THE BATCH:** > 12

**DURATION OF THE BATCH:**  
6 - 8 hours after the end of mixing

**CONSUMPTION:**  
0,2 – 1,0 kg /m<sup>2</sup>

**APPLICATION TEMPERATURE:**  
+5 °C to +35 °C

**FINAL HARDENING AT +20° C:**  
after 7 days

**PRESERVATION:** 6 months  
in the original bags,  
well closed and kept  
in a dry place.

## RECOMMENDATIONS

**ECO VERNICEM IMP** is neither toxic nor harmful, but since it is a cement product, it has an alkaline behaviour, so, if it comes into contact with the skin, it must be washed away with soap and water. Accidental contact with eyes causes a burning sensation and irritation which disappear after immediate, abundant rinsing with water.

## PACKAGING

25 kg polythene paper sacks.

