

# Photo-Activa TB

Invisible photocatalytic treatment for wall and monument protection



## Product

- Removes contaminants from the air.
- Keeps surfaces of buildings and monuments clean.
- Prevents surfaces from getting dirty (stone, concrete, brick...).
- Eliminates the aggressions of air pollutants.
- Reduces maintenance costs on facades and monuments.

## Photocatalysis

- It is a technology analogous to photovoltaic solar panels.
- It uses light energy to destroy pollutants produced by automobiles and industries, which affect people's health and pollute the environment.
- It does not require maintenance, and its effect is permanent.
- It is a clean technology.
- Not only does it not pollute, but it cleans the polluted air.
- It saves costs since the walls remain clean for many years.
- It destroys dirt and prevents the growth of microorganisms.

**Photo Activa TB. Water dispersion of photo catalysts as sun, with activity promoters in the UVA- Visible range, and improved adherence over inorganic porous surfaces.**

## Technical characteristics

- Non inflammable
- It does not form film
- Breathable
- Elevated adherence to mineral substrates
- Yield: 5-10 m<sup>2</sup>/lt applied with pistol
- Application temperature between 5°C and 35°C
- Store in protected against frost places

**\* Photo Activa TB. Aqueous dispersion of photo-catalysts in sol form, with activity enhancers for light in the UVA-Visible range, and improved adhesion on inorganic surfaces of limited porosity.**

## Results

- Essays according ISO 22197-1 performed in the CSIC, shows a **78% elimination ability of the pollutants measured: 234 µg NO/m<sup>2</sup>.h using natural light.**



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## Applications

- Use for exterior protection of surfaces subjected to the aggression of pollutants produced by traffic and industries.
- Use in areas of polluted air, in buildings and monuments that are soiled by this cause: stone facades, exposed brick, concrete and prefabricated, historic buildings, monuments, painted walls in areas of high pollution.

# Photo-Activa TB

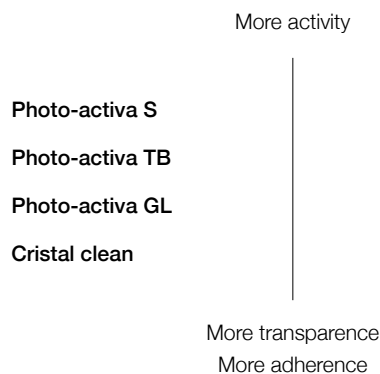
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## Application way

**Photo-Activa TB** is applied with low-pressure pistol, with open mouthpiece open 0.5 mm. Avoiding accumulation and drops formation. Surfaces to protect have to be clean and dry at the application moment. It is recommended an application in a unique coat, with 100-200 gr/m2.

**Photo-Activa TB** not making a film. Once it is dry, it does not modify the substrate appearance.

**Photo-Activa TB** is applied mainly over mineral porous surfaces (natural stone, concrete, prefabricated, mortars, seen workplace, etc..). The active particles are incorporated and remain in the surfaces thanks to silicate base bindings.



## Consumption

5-10 m2/lt spray applied.

## Conservation

In original closed container, sheltered from strong frost.

## ⚠ IMPORTANT

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