

Transparent Waterborne Photocatalytic dispersion for the protection of facades and monuments.

A **PHOTOACTIVA TB**[®] activated surface uses the light energy to destroy the air pollutants. Thanks to it:

- ELIMINATES THE AIR POLLUTION
- MAINTAINS the surface of BUILDINGS and MONUMENTS CLEAN. Even glass surfaces.
- ELIMINATES THE POLLUTED AIR AGRESSIONS.
- REDUCES MAINTENANCE COSTS.
- IMPROVES APPEARANCE
- CONTRIBUTES TO PEOPLE'S HEALTH

PHOTOACTIVA TB[®] is used on surfaces submitted to polluted environments, mainly in urban or industrial areas where traffic and chemical pollutants are concentrated. **PHOTOACTIVA TB**[®] contributes to reduce pollution, to keep surfaces clean, and to reduce odours, also limits the growth of moulds and bacteria, once applied on:

- Stone or concrete Facades
- Historical Buildings
- Monuments
- Glass and coated surfaces,
- Pedestrian areas
- City centres

- PHOTOCATALYSIS

Photocatalysis is a technology that works under the same principles than Photovoltaic Panels (Solar cells). It uses light energy, in the range between visible and UVA, to destroy the pollutants produced by car exhausts pipes, industries, kitchens and heating, that affect human health and dirt

- It is MAINTENANCE FREE, and its effect is PERMANENT.
- It is a CLEAN TECHNOLOGY
- It is not only a SURFACE CLEANER, it is an AIR DEPOLLUTER
- SAVES MONEY, as surfaces remain clean during years
- DESTROYS the DIRT and reduces the growth of MOULDS AND BACTERIA
- Is a NATURAL effect, and reproduces the activity of the sun and plants as depollutant.

Photocatalysis requires light energy to be activated. Natural light, fluorescent, or incandescent bulbs are, in that order, suitable to activate the surfaces

*Clean Air,
Healthy and Clean
Buildings*

-APPLICATION

PHOTOACTIVA TB[®] is currently applied as a mist, by spray gun, with a 0,3 mm nozzle and low pressure. Creation of drops, or product accumulation, should be avoided. Surfaces must be clean and dry. A single application of 50-90 gr. /m² is recommended.

PHOTOACTIVA TB[®] doesn't form a film. **PHOTOACTIVA TB**[®] is applied on Natural stone, Marble, Ceramics, Concrete, etc... Once applied, it develops adherence during the initial days. **PHOTOACTIVA TB**[®] can have some whitening effect on coloured surfaces

PHOTOACTIVA S
PHOTOACTIVA TB
PHOTOACTIVA GL
CRISTAL CLEAN

More activity



More transparent
Better adherence on
compromised surfaces



Photocatalysis results after three years on a road sign

updated 04/2014

PhotoActiva TB *activa*

-TECHNICAL DATA

Waterborne photocatalytic dispersion for the reduction of pollutants and protection of surfaces in highly contaminated areas.

- No flammable. Waterborne
- Translucent
- Appearance: low viscosity milky liquid
- Density 1.1 kg/l
- Does not create a film
- Yield: around 15 m²/lt. once applied by spray gun
- Application temperature: between 5°C and 35°C
- Protect from frost.

PhotoActiva TB. Waterborne dispersion of Photocatalysts containing light boosters based on EPS technology, to be activated in the visible-UVA light range, and adhesion promoters to improve adherence on limited porosity inorganic surfaces.

All data given in our technical information and recommendations are based on our experience, technical knowledge and practice, under established job and test conditions Customer must check consumptions and suitability under his particular job conditions, by previously testing it. Activa can provide Technical assessment if required.

We guarantee the quality in case of production defects of our products, excluding further claims. Our responsibility is limited to the value of the goods supplied.

That TDS is valid until next edition is issued