

# Photo-Activa S

Invisible photocatalytic treatment for porous surfaces 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.

**Photocatalysis requires enough energy light. Solar light, fluorescent or incandescent are in this order, adequate for surface activation.**

## Technical characteristics

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

***\* PhotoActiva S: Aqueous dispersion of photo-catalysts in sol form, with activity enhancers for UVA-Visible range light, and improved adhesion on porous inorganic surfaces.***

## Results

- Essays according ISO 22197-1 performed over our finish show an average elimination ability of 2620 µmol NOx/m<sup>2</sup>.



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## Application way

**Photo-Activa S** is applied with low-pressure pistol, with open mouthpiece. Avoiding accumulation and drops formation.

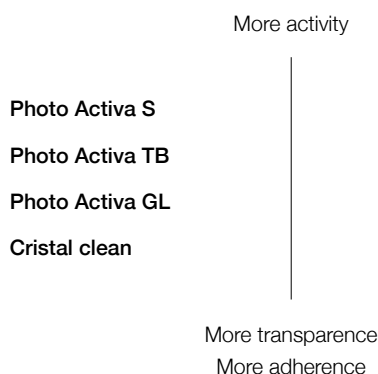
Surfaces to protect have to be clean and dry at the application moment. It is recommended an application in a unique coat, with 100-200 gr/m<sup>2</sup>

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

**Photo-Activa S** is applied mainly over mineral porous surfaces (natural stone, concrete, prefabricated, mortars, seen workplace, etc...).

**Photo-Activa S** can degrade some pigments that are not enough light resistant.

**Photo-Activa S**, depending on dosage, it can modify the surface tone over the application.



## Consumption

5-10 m<sup>2</sup>/lt spray applied

## Conservation

In original closed container, protected from freezing: 6 months

## ⚠ IMPORTANT

All the information provided in our technical information is based on our experience, technical knowledge and practice in certain working and testing conditions. The customer must check consumptions and the adaptation of the products under his particular working conditions, performing his own tests. Active Walls can provide technical advice if required. We guarantee the quality of the products in case of manufacturing defects, excluding subsequent claims. Our warranty is limited to the value of the products purchased. This data sheet is valid until a new version is issued.