



PhotoActiva130

Photocatalytic treatment for the protection of glass, photovoltaic panels and inorganic surfaces.

www.activacolors.net

Activa

PhotoActiva 130

PhotoActiva 130 is a product intended for application on glass, solar panels and shiny surfaces. Its main characteristic is transparency.

Surfaces activated with **PhotoActiva 130** use light energy (1) to destroy air pollutants.

Therefore:

- ELIMINATES AIR POLLUTANTS
- KEEPS THE SURFACES OF BUILDINGS AND MONUMENTS CLEAN.
- PREVENTS SURFACES FROM GETTING DIRTY (stone, concrete, brick, painted surfaces, etc.)
- REDUCES MAINTENANCE COSTS



Main Applications

PhotoActiva 130 is used for the exterior protection of glass and steel surfaces subject to the aggression of pollutants produced by traffic and industry. **PhotoActiva 130** is used in areas with polluted air and in urban buildings and monuments that become dirty due to this:

Office Buildings



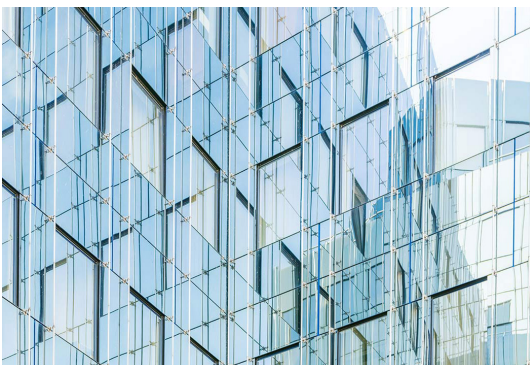
Schools



Hospitals



Cristals



Ceramics



Solar Panels



Photocatalysis.

Photocatalysis is a technology analogous to that of photovoltaic solar panels. It uses light energy to destroy pollutants produced by cars 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 create dirt, but it **CLEANS CONTAMINATED AIR**
- **IT SAVES COSTS** since the walls remain clean for many years
- **IT DESTROYS DIRT** and prevents the growth of **MICROORGANISMS**.
 - Photocatalysis destroys, among others, the following air pollutants
 - NOx
 - SOx
 - VOCs (solvents, formaldehyde, benzene, aromatic compounds, toxins...)
 - Unburned
 - Particles (PM2.5 PM5, PM10)
 - Soot

(1) Photocatalysis requires light of sufficient energy. Natural light, or fluorescent light, or low-consumption light, or white visible light (with a spectrum in the blue-violet range)

Application Mode.

PhotoActiva 130 is applied by misting.

An application of 25-50 gr/m2 is recommended. (The glass should be only slightly fogged, and when dry there should be no change in transparency).

In the case of discontinuous surfaces or work at height, it can also be applied using a cloth soaked in the product, to avoid the effects of wind or problems with gun adjustment.

PhotoActiva 130 It is applied on glass, marble, natural stone, ceramics, metals, etc., transparency being the differentiating element with respect to other treatments.

PhotoActiva 130 does not form a film.

PhotoActiva 130 It gradually increases its adhesion to surfaces during the first week after application. It must be allowed to dry properly and protected from rain for the first 24-48 hours.



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