



Photocatalytic Waterborne Coating for Outdoor and Indoor Use.

PHOTO-SILOXANE activated walls use light energy to destroy airborne pollutants. Thus:

- **ELIMINATE THE POLLUTION AROUND THE FAÇADES AND INTO THE BUILDINGS.**
- **AVOID THE WALLS TO GET DIRTY**
- **PREVENT GROWTH OF FUNGI AND BACTERIA**
- **ELIMINATE ODORS**
- **CREATE A HEALTHY ENVIRONMENT FOR FAMILIES IN URBAN AREAS**

PHOTO-SILOXANE is used for outdoor wall decoration. Colour availability creates a modern and elegant space in a clean air environment. **PHOTO-SILOXANE** is suitable for air polluted areas on buildings where people's health is a key issue, and where pollution creates a major maintenance problem:

- Schools & Nurseries
- Hospitals
- Urban Light Colour Buildings
- Public Buildings
- Urban areas in general

-PHOTOCATALYSIS

Photocatalysis is a technology similar to the photovoltaic solar panels (Solar cells). Uses light energy to destroy the pollutants produced by automobiles and industry, affecting the health of people.

- Maintenance is not necessary and once applied the effect is permanent.
- Is a Clean technology
- Not only doesn't mess up, also it cleans contaminated air.
- It is the only environmental technology in which the first beneficiary is the user.
- SAVES COSTS because the walls are kept clean for many years
- DESTROYS DIRT that accumulates on the walls and that allows the growth of microorganisms

THE RESULTS

Tests carried out in our coatings, in



highlight that they have pollutant removal capacity up to 91% referred to air pollution concentration in a city exceeding legal pollution limits.

-HOW TO USE IT

PHOTO-SILOXANE is applied in two coats by brush, roller or spray, on clean, free from oils and non-stick materials, dry and sound walls, allowing the coating to dry between each coat. It is advised to carry adherence tests on non porous surfaces, surfaces having old coatings applied, and in general, on all surfaces where adherence may be compromised.

PHOTO-SILOXANE has European **CE** mark in concrete protection, thanks to its excellent properties as CO2 barrier, improving the structures resistance against carbonation

On absorbent surfaces, the use of **PHOTO-SILOXANE PRIMER** reduce the consumption of **PHOTO-SILOXANE**, facilitates and accelerates the top layers application, saves money and improves the resulting top layer quality.

**Fresh Air
Healthy Buildings
&
Always Clean**



In case the surfaces are not in perfect conditions, it is advised to apply a first coat of **PHOTO-SILOXANE PRIMER**

First layer could be diluted with 10% of water.

IMPORTANT: Coating colour could be modified using EXCLUSIVELY INORGANIC PIGMENTS

PhotoSiloxane: High Performance Photocatalytic Coating for Outdoor and indoor use. CE mark in concrete protection It contains light boosters in the UVA-visible range, based on the EPS Technology, to improve artificial light performance

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



- TECHNICAL DETAILS

Photocatalytic Waterborne Coating for Indoor and Outdoor Use

- Density: 1.48 Kg / l
- Not flammable
- Impermeable to liquid water
- Impermeable to CO₂ penetration
- I = 1,8 g/m².d
- S_d = 136 m
- Water vapour permeable
- Excellent barrier against CO₂
- Touch Dry at 25 ° C: 30 to 40 min
- interval between layers: about 12 hrs
- Yield: around 3-6 m²/l, in two coats, depending on the surface type
- Colours. See colour chart
- Application temperature: between 5 ° C and 35 ° C
- Store in dry and warm areas