

Photocatalytic Waterborne Coating for Indoor use.

PHOTODECO activated walls use the light energy (1) to destroy the air pollutants. Thanks to it:

- ELIMINATES AIR POLLUTION
- ELIMINATES POLLUTED AIR AGRESSIONS.
- REDUCES MAINTENANCE COSTS.
- IMPROVES APPEARANCE
- CONTRIBUTE TO THE HEALTH OF PEOPLE
- ELIMINATES ODOURS

(1) Natural light, fluorescent, low-energy light bulbs..

PHOTODECO is used to decorate indoor walls. A wide colour range enables to create clean air homes in a modern and elegant environment. **PHOTODECO** is used in private homes as well as in all kind of health sensitive buildings:

- Homes
- Schools and Kinder gardens
- Hospitals
- Public Buildings
- Closed Buildings

-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.

-RESULTS

Tests carried on our coatings in



show a **91 % average capacity of elimination of pollutants**, when measured in a city having a pollution above legal limits.

**Odourless, Clean
and Healthier
Air**

-APPLICATION

PHOTODECO is applied in two coats, by brush, roller or spray gun, on sound, clean, and dry walls, allowing the first coat to dry before to apply the last one. First coat can be diluted with 10 % of water. In case the surface is not 100 % sound, or in case adhesion problems are foreseen, it is recommended to apply a layer of **PHOTODECO PRIMER** before to apply the coating



-TECHNICAL DATA

Waterborne Photocatalytic coating for indoor walls

- **Density: 1.6 Kg/l**
- **Waterborne**
- **VOC content 0.2 g/l max**
- **Not flammable**
- **No toxic compounds content. According GBC-Green Mark Test (LEED), 4.4.1.b, c, d and 4.4.2 criteria**
- **Permeable to water vapour ISO7783-2 V1 (>150 gr/m².j)**
- **Waterproof to liquid water according ISO 1062-2 W2 (0,1<W<0.5 Kg/m².h^{0.5})**
- **Touch dry at 25°C: 30-40 min**
- **Yield: 6m²/l in two coats**
- **Colours. See Colour chart**
- **Product colour can be modified using ONLY INORGANIC PIGMENTS**
- **Application Temp: between 5° C and 35° C**
- **Keep away from frost**

Photocatalytic activity is initiated by light, progressively, during the days following the application, and is maintained during years

PhotoDeco: High Performance General Purpose Indoor Photocatalytic Coating, . It contains light boosters based on EPS Technology in the UVA-visible range to improve performance under artificial light



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

