

Photocatalytic Waterborne Coating for Breathable Indoor Walls.

PHOTO-WALL 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..

PHOTOWALL is used on interior walls and ceilings in kitchens, bathrooms and any room that requires a high breathability. **PHOTOWALL** is used in private homes and in health sensitive buildings:

- Kitchens
- Bathrooms
- Schools and Kindergartens
- Hospitals
- Closed Buildings
- Public Buildings

-FOTOCATALYSIS

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 Rooms

-APPLICATION

PHOTO-WALL is applied in two coats, by brush, roller or spray, 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 **PHOTO-DECO PRIMER** before to apply the coating



-TECHNICAL DETAILS

Waterborne Photocatalytic coating for indoors walls

- Density: 1.54 Kg/l
- Waterborne, Not flammable
- VOC content 0.2 g/l max
- Permeable to water vapour
- Touch dry at 25°C: 30-40 min
- Allow 3-4 hrs between coats
- Yield: 10m²/l. coat
- Colours. See Colour chart
- Product colour can be modified using ONLY INORGANIC PIGMENTS
- Application Temp: between 5° C and 35° C

PhotoWall: .High Performance 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