activa COATING

SUSTAINABLE • ANTI-MICROBIAL • POLLUTION REDUCING • SELF-CLEANING

activa PhotoWall

Activa North America • 1501 Commerce Drive, Elgin, IL 60123 • **800-660-6238** • activacoating.com

PHOTOWALL is a self-cleaning ceiling paint used in any room that requires clean air and antimicrobial surfaces.

PHOTOWALL can be used in:

- Homes
- Kitchens
- Offices
- Bathroms
- Schols and preschools
- Hospitals and medical buildings
- Office buildings and hotels

PHOTOWALL activated walls use Nano technology and light energy to destroy air pollutants.
PHOTOWALL does the following:

- Eliminate air pollutants and volatile organic compounds (VOCs)
- Reduce maintenance cost
- Eliminate odors
- Cleans surfaces
- Helps eliminate sick building syndrome

PHOTOCATALYSIS

Photocatalysis is a technology that works under the same principles of Photovoltaic Panels (Solar Cells). It uses light energy, in the range between visible and UVA, to destroy pollutants produced by car exhausts, industries, kitchens, and energy consumption that affect human health and produce film and grime.

- Maintenance free and its effect is constant
- Clean technology
- Surface cleaner, and air depolluter
- Saves money as surfaces remain clean for many years
- Destroys dirt and reduces the growth of mold and bacteria

Clean Walls, Healthy and Odorless Air!

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APPLICATION

PHOTOWALL is applied in two coats (brush, roller, or spray gun) onto clean, dry ceilings. The first coat can be diluted with 10% water if necessary, but allow the first coat to dry completely before applying the second. If the surface is not 100% clean and ready, or in case of adhesion problems, it is recommended to apply one layer of PRIMER prior to applying PHOTOWALL .

TECHNICAL DATA[2]

Waterborne Photocatalytic coating for indoor walls

- Density: 1.54 Kg/l • Waterborne
- VOC content 0.2 g/l max
- Non-flammable
- Permeable to water vapors
- Touch dry at 74ºF: 30-40 min
- Yield: 10m2/l. coat
- Colors: see color chart
- Product color can be modified using ONLY INORGANIC PIGMENTS
- Allow 3-4 hrs. between coats
- Application Temp: between 50º F and 90º F

PHOTOWALL: 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.

Photocatalytic activity is initiated by light, extended over time, following the application and is maintained for years.

RESULTS

Tests carried out on our coatings show a 91% average capacity of elimination of pollutants, when measured in a city having a pollution above legal limits.

INSTITUTO DE TECNOLOGÍA QUÍMICA · CSIC Consejo Superior de Investigaciones Científicas · UNIVERSITAT POLITÈCNICA DE VALÈNCIA

[1] Natural light, fluorescent, low-energy light bulbs that emit UV light. [2] 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 their 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.