

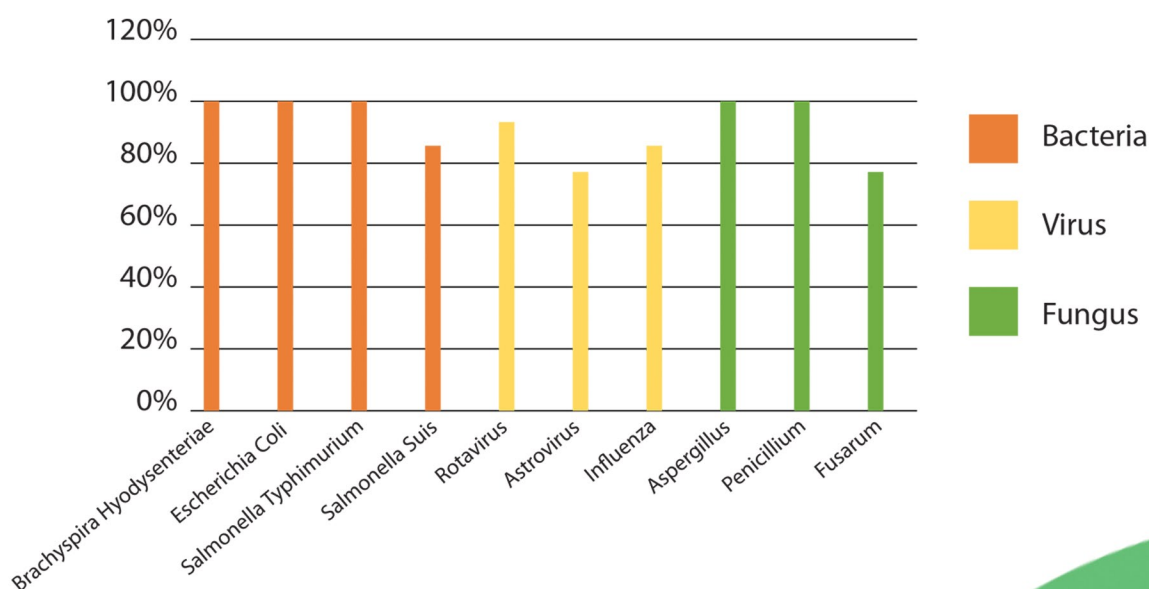
A surface painted with **activa** becomes photocatalytic\*. This reduces the presence of microorganisms (bacteria, viruses, fungi) by destroying the substances they feed on, eliminates airborne toxic pollutants, removes dirt, and eliminates odors.

The process of photocatalysis allows **activa** to continuously produce active radicals on the surface:

- **Hydroxyl Radical:** referred to as the “detergent” of the atmosphere because it reacts with many pollutants, decomposing them through “cracking,” often acting as the first step to their removal. It also has an important role in eliminating some greenhouse gases.
- **Peroxyl Radical:** as active as the ozone, they are the precursors of hydrogen peroxide, one of the most important disinfectants, capable of destroying bacteria, viruses, and fungi.

Tests carried out on our coatings show an average 91% reduction of pollutants and microorganisms when measured in a city having pollution above legal limits. Up to 100% reduction in ATP<sup>1</sup> measures can be obtained after 40 - 60 minutes on correctly illuminated surfaces.

The following results were achieved after 24 hours:



<sup>1</sup>Adenosine triphosphate (ATP) is a complex organic chemical that provides energy, often referred to as the “molecular unit of currency” of intracellular energy transfer. It is also a precursor to DNA and RNA.

**Air-purifying**  
**Self-cleaning**  
**Reduces odors**  
**Reduces viruses**  
**Reduces bacteria**  
**Eliminates air pollutants**  
**Eco-friendly paint & coatings**

## activa's indoor paints

### Application

**activa** is applied in two coats (brush, roller, or spray gun) onto clean and dry ceiling or walls. The first coat can be diluted with 10% clean water if the paint is too thick but allow the first coat to dry completely (3 - 4 hours) 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 before painting with **activa**.

### Technical Data

- Color can be modified with inorganic pigments
- Application temperature: 50°F - 90°F
- Allow 3 - 4 hours between each coat
- Touch dry at 74°F: 30 - 40 mins
- Non-flammable - Waterborne

## clear surface treatment

**activa's** interior/exterior surface treatment is a clear coat that uses the same technology as our interior paints. It does not create a film and can be applied to coated surfaces, natural stone, marble, ceramics, concrete, and more.

### Application

**activa clear** is applied as a mist, by spray gun, with a 0.3 mm nozzle and low pressure. Creation of drops or product accumulation should be avoided. Surfaces must be clean and dry prior to application. A single application is recommended.

### Technical Data

- Appearance: low viscosity milky liquid
- Application temperature: 54°F - 95°F
- Non-flammable - Waterborne
- Does not create a film
- Protect from frost

## \*PHOTOCATALYSIS

This technology works under the same principles as photovoltaic panels (solar cells). It uses light energy (natural or artificial) to destroy viruses, bacteria, mold, fungi, and pollutants produced by car exhausts, industries, kitchens, and more. This everyday energy consumption pollutes our air, which in turn affects human health.



- flat ceiling paint
- eggshell finish
- matte finish
- clear coat

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