



StoColor Climasan

The active fresh air paint

The air is cleaned by simply switching on the light. Sto's active interior paint eliminates odours and breaks down harmful substances. What is really unique is that StoColor Climasan is the first and currently only interior paint to do so without the need for sunlight. Standard interior lighting is sufficient to initiate the cleaning process. The result is a noticeable improvement in the ambient air quality, including in heavily frequented areas such as kitchens, sales rooms and smoking areas.



Clean air at the flick of a switch

The active principle modelled on nature

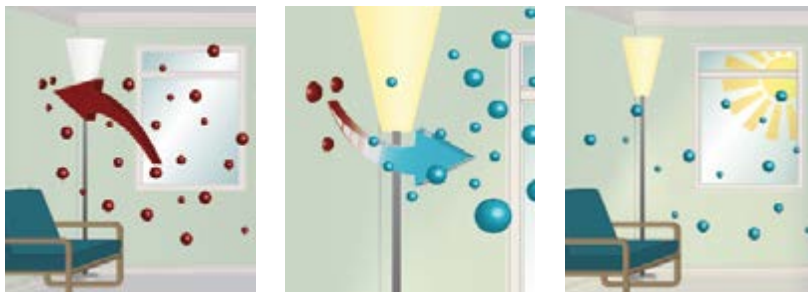
The principle of photocatalysis is as old as nature itself. Using sunlight and chlorophyll as a catalyst, plants produce oxygen and glucose.

StoColor Climasan makes use of this effect: light activates a catalyst in the interior paint which neutralises organic odour substances and pollutants in the ambient air. All that is required for this process - known as photocatalysis - is merely a natural or artificial light source and a surface coated with StoColor Climasan. Naturally, the greater the light intensity and the larger the surface area, the better the effect.



How StoColor Climasan works

StoColor Climasan is highly absorptive. Harmful substances and gas molecules suspended in the ambient air cling to the coated wall and ceiling surfaces. The catalyst in the paint is then activated by an artificial light source or sunlight, and breaks down pollutants and odours into their smallest constituent components which then evaporate. The result is pure fresh air.



StoColor Climasan provides clean air all over the world. Here for example, in an open restaurant area in the Lotte Department Store in Seoul, South Korea.



StoColor Climasan at a glance

- Effectively breaks down odours and harmful substances
- Interior lighting is sufficient – sunlight is not a necessity
- Also ideal for heavily frequented areas
- Diffusion-open
- Wet scrub resistance class 2, hiding power class 1
- Limited tintability in accordance with the StoColor System (pastel colours)

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