

StoColor Climasan

Odour-reducing, dead-matt
interior emulsion paint



StoColor Climasan is the first interior paint to actively purify inside air under ordinary interior light conditions, completely without sunlight. This is the result of a photocatalytic effect in which every beam of light that hits the paint's surface activates a catalyst that in turn removes harmful substances and odours. This creates noticeably improved air quality wherever the paint is used – in kitchens, smoking rooms, and more besides.



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.



Loire Valley Bungalows , Seoul, South Korea

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 at a glance

- Breaks down harmful organic substance and odours
- Effective without UV light
- Very good hiding power
- Resistant to surface disinfectants
- Solvent- and plasticiser-free, low-emission
- TÜV seal of quality – externally monitored
- Free from substances that contribute to "black dust" on walls
- Wet-scrub resistance class 2
- Hiding power class 1

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