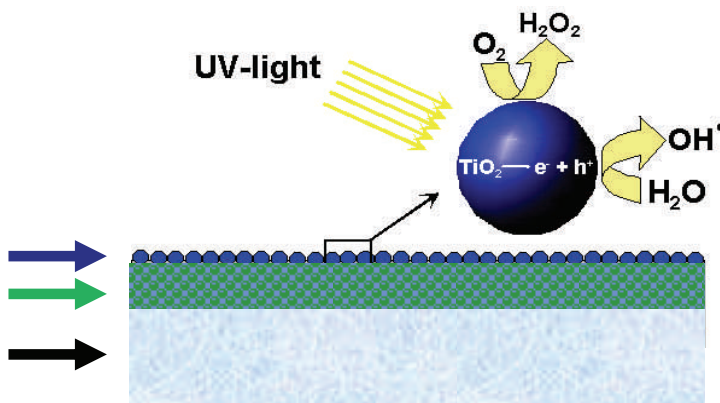


NANO-X Information

Catalytic-Clean-Effect®

Principle:



Principle of a Catalytic-Clean-Coating



- ➔ **Upper / functional layer:**
 - Decomposition of organic compounds by nano-titania-particles - active cleaning
 - Sub-migration and remove of dirt due to a permanent water spreading (hydrophilic) surface - passive cleaning
- ➔ **Under layer / primer:** Adhesion promoter and protective layer for the substrate
- ➔ **Plastic substrate:** PVC, PMMA, PC, Paint,...

Product properties:

- Water- or solvent-based coating material for plastic surfaces
- Simple application by spraying and thermal curing between 60°C and 130°C
- Transparent, maintaining the colour and the gloss of the plastic substrate
- Good adhesion and abrasion resistance
- Excellent weathering- and UV-stability
- Self-Cleaning properties due to Catalytic-Clean-Effect®

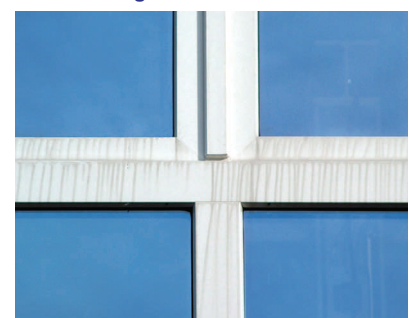
Fields of application:

Most favourable for outdoor areas (sunlight and rain or dew!), e.g. architectural units like wall cladding, facade elements, windows, shutters and sun shutters, roofs, doors, gates, walls, fences, etc.

Custom optimised solutions are available!



CC-Effect® on PVC after 2 years weathering



Control PVC

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