

Glatz Green® Collection

For health and nature

Glatz, a manufacturer of innovative, high-quality sunshades, got together with two partners (Sauleda and Pureti) to make its contribution to the environment and thus to health.

Through this collaboration, the three pioneers are bringing long-lasting sunshades onto the market which don't just protect you and your family from UV rays, rain and heat, but which also **purify the air – almost like a tree**. This is thanks to the innovative coating which becomes a purifying filter when exposed to sunlight.



Glatz Green parasol compensates pollution caused by cars. When you purchase a 4 x 4 m Green sunshade, Glatz will plant 27 trees*

*Number of trees varies based on sunshade size

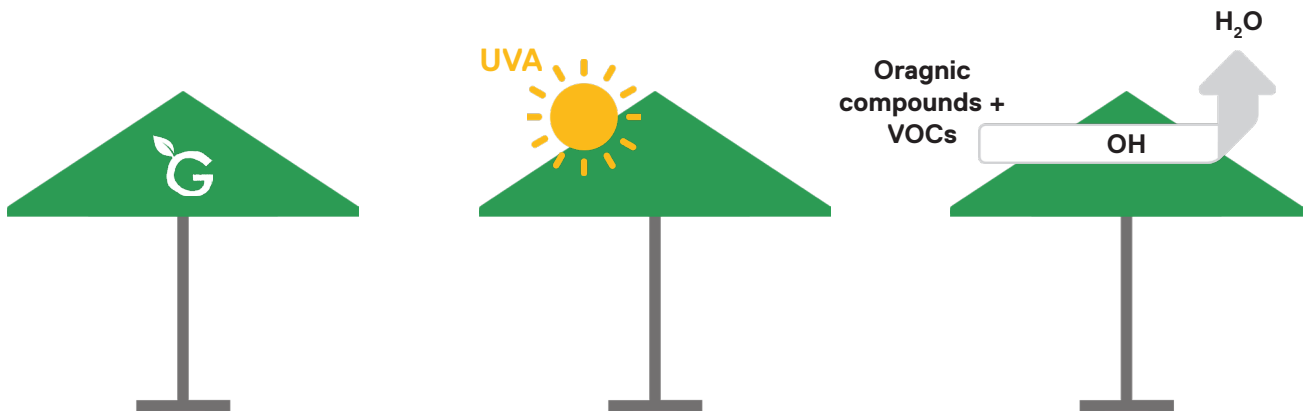


Glatz 

 **GREEN**
by Sauleda & Pureti

ATMOS
PHARE PUBLIC PLACES
PLAYFUL SPACES

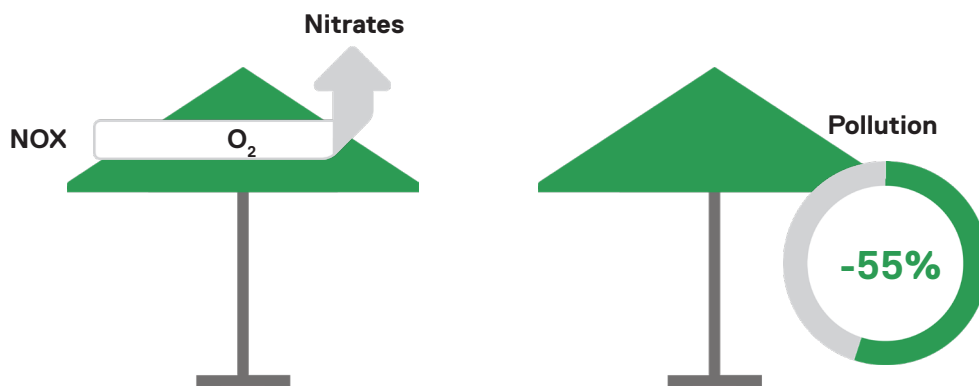
Photocatalysis - How it works



1. Glatz Green parasol fabric is coated with nanoparticles of titanium dioxide.

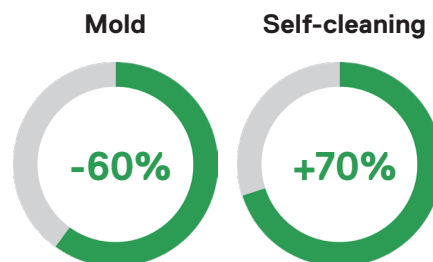
2. Photocatalysis starts when the sun's rays reach the fabric. This chemical process generates the purifying active ingredients «OH» and «O₂».

3. OH transforms dirt (organic compounds + VOCs [volatile organic compounds]) into water vapor (H₂O).



4. O₂ transforms nitrogen oxide (NO_x), one of the most harmful gases in the atmosphere, into nitrates which are far less dangerous.

5. This process is repeated millions of times to remove dirt from the fabric surface and purify the ambient air. In laboratory tests, nitrogen dioxide concentrations were reduced by around 55%.



6. Furthermore, mold is reduced by 60%* and the self-cleaning effect is +70%*.

*These percentages are for guidance only and may vary according to environmental conditions.

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