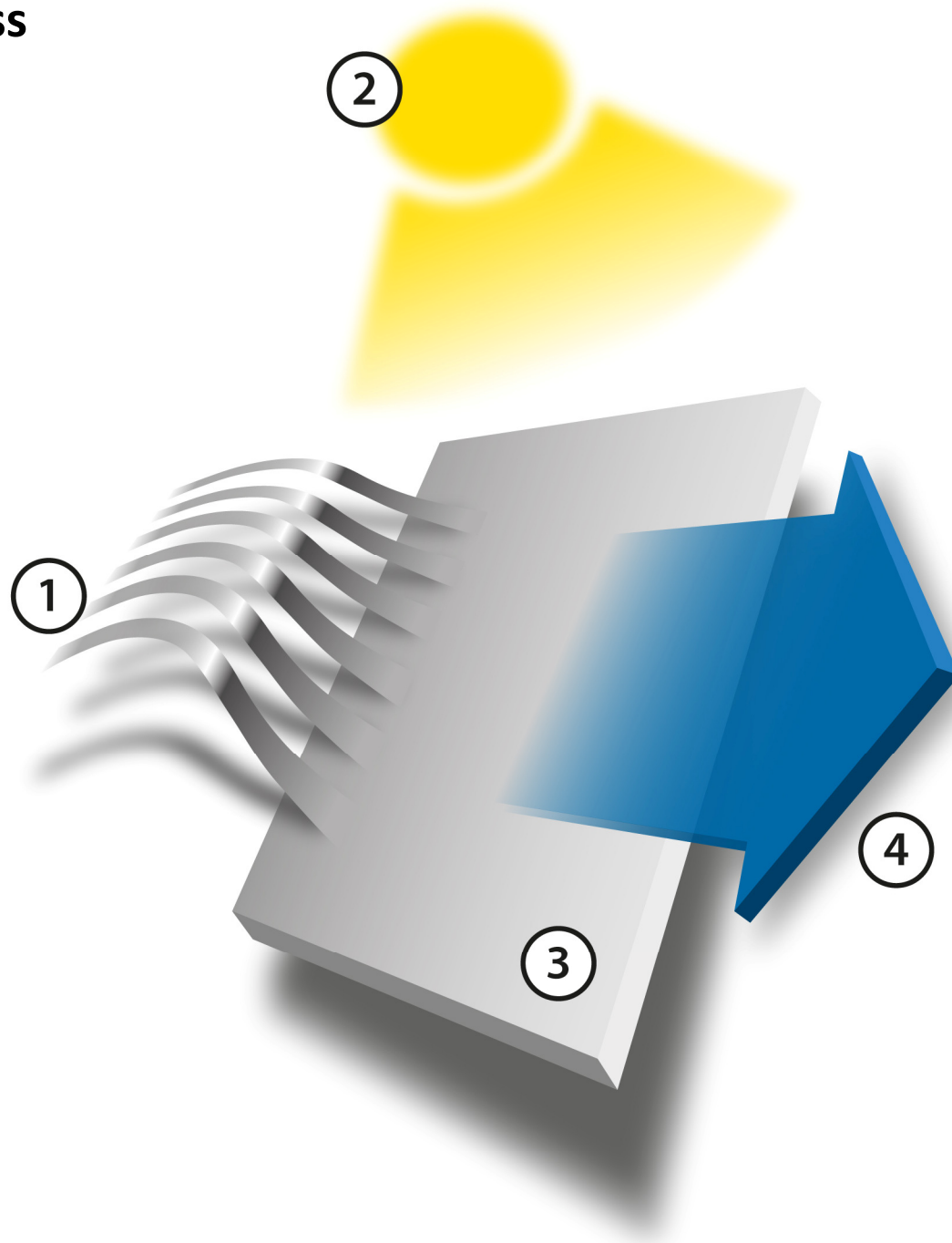


Photo-catalytic process of redstone LUNO™ product series



- ① pollutants odors
- ② light source daylight/artificial light
- ③ redstone LUNO™
- ④ improved clean indoor air

Photo-catalytic Process

Once a surface including titanium dioxide is exposed to light, artificial light or sunlight, the crystals of titanium dioxide release negatively charged electrons. This course of action then creates holes that are positively charged.

Free electrical charges are formed and simultaneously turned into oxygen radicals, also called "activated oxygen".

These radicals are capable of decomposing a large variety of organic molecules. This process is also known as "cold combustion".

The remainders are simply low-molecular products such as minimal amounts of carbon dioxide and water.

Pollutants and unpleasant odors

Over time, surfaces develop a thin layer of grease and collect dust and dirt, which turns into unappealing stains and discoloration.

Due to the combination of titanium dioxide and UV-light, the surface becomes hydrophilic (water-absorbent), which builds a microscopic film of water molecules and therefore does not allow any dirt and/or dust to adhere. The particles are simply "swept away". A silent-acting permanent process without any side effects.

The same procedure applies to nicotine! You'll never see discolored walls or ceilings again and you'll never have to smell unpleasant odors.

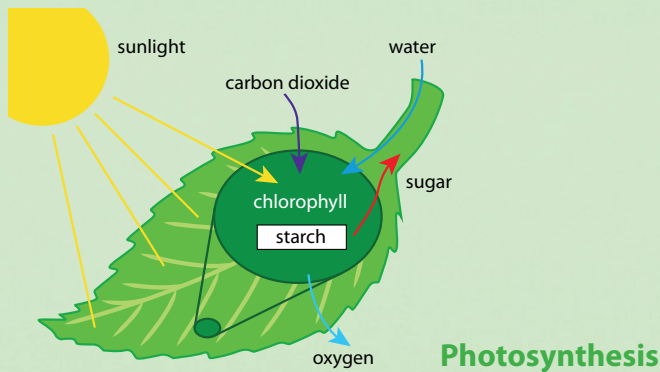
ecological goes economical – somewhere down the road we have to take collective responsibility

! *What we've learned from nature.*

Decomposition of toxic pollutants in residences and buildings - Photocatalysis

Air pollutants e.g. auto exhaust and industrial emissions are transformed into H₂O and CO₂ and are being released into the air.

This natural process is activated by sunlight and it is comparable to a human lung breathing air.



redstone LUNO turns Photosynthesis into Photocatalysis.

Its sophisticated technology allows the transformation process even with regular indoor light.

The photo-catalytic process is permanent, without ceasing and it will never diminish.

The pollutants will not just be deactivated but destroyed.

Photocatalysis as well as Photosynthesis are primarily depending on the intensity of light.

High volume of light will increase the transformation process.

Scientifically proven!

VOC's, toxic pollutants, odors and fumes will be eliminated.

It provides a healthier and more comfortable indoor air and a clean and dust-free surface due to its self-cleaning properties.

