

# ARCtec<sup>®</sup>-Flex – Clean Air Coating

## Window coating with ARCtec<sup>®</sup>-Flex Clean Air Coating

Clean Air Coating, a unique technology prevents pollutants and viruses in the interior

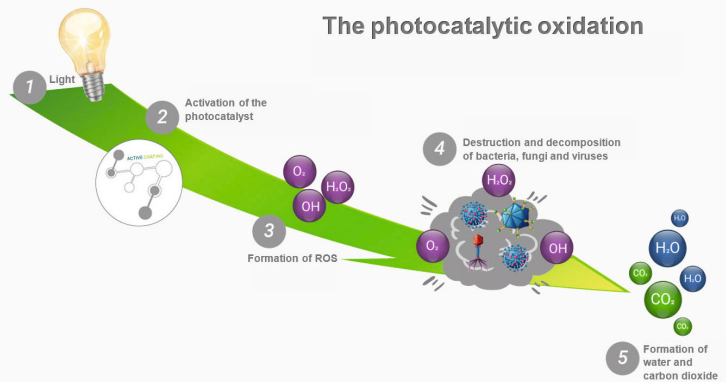
**Clean Air Coating** is a coating equipped with the latest photocatalysis technology to reduce fine and ultra-fine dust, viruses and bacteria from the ambient air.

### Funktionalität:

1. **Clean Air Coating** is applied to the sprayed on coated surfaces.
2. Light attracts organic substances that approach the coated surface.
3. Light causes the photocatalyst particles to split off oxygen atoms and oxygen molecules from the air, which then react with the organic substances in their vicinity.

### The company EMshield<sup>®</sup> GmbH

EMshield<sup>®</sup> GmbH offers many years of experience in the area of active and passive protection against eavesdropping, electromagnetic and architectural room shielding as well as the necessary accessories. All rights reserved. Specifications are subject to change without notice. Find out more at [www.emshield.de](http://www.emshield.de).



**ARCtec<sup>®</sup>-Flex Clean Air Coating** can be supplied on any surface and in various designs and sizes. Our architects and project managers will be happy to advise you on your special solutions.

**Made in Germany**

Made in Germany is not just any seal at EMshield<sup>®</sup>. The philosophy behind this is to develop and produce the products according to the highest German standards. A location advantage that is reflected in technology, design and innovation.

The particles are decomposed by oxidation into e.g. CO<sub>2</sub> and H<sub>2</sub>O („cold combustion“). The whole process is called photocatalysis.

In this way it is possible to achieve up to **99.9%** of to decompose viruses and bacteria in the air.

**EMshield**  
an **Albatross Projects** company

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