



Introducing airtlite®

Airlite® is a new, multi-technology paint with some very special qualities.

Airlite® is activated by UVA light, has natural alkaline properties and importantly contains no Volatile Organic Compounds (VOCs). By utilising the energy of light, once painted on surfaces airtlite® repels dust and airborne particles and eliminates the major airborne pollutants (including dangerous nitrate oxides), prevents the growth of bacteria, moulds and spores (which induce the most hazardous respiratory diseases), eliminates bad odours and prevents dirt and grime from attaching to the walls. Airlite® is self-cleaning.

Airlite® is ideal to use where we want to reduce the risks of microbial contaminations, including:

- hospitals • medical waiting rooms •
- dental surgeries • childcare facilities •
- nursing homes • schools • public spaces •
- offices • hotels • bars & restaurants •
- homes • museums, galleries & monuments •
- tunnels and freeway walls • parking garages •
- aged care villages • food preparation areas •

Airlite® can reduce odours and smells in change rooms, public bathrooms, restaurants, nursing homes and places where food is sold.

- airtlite absorbs and degrades NO₂ and SO₂ and eliminates up to 88.8% of air pollution
- airtlite eliminates up to 99.9% of microbial contaminants (including coronavirus) by superficial oxidation and the high alkalinity of the surface; increasing the shelf life of fruit and vegetables
- airtlite's reflective properties can reduce cooling costs by 15 - 50% when applied externally
- airtlite combines with water molecules in the air to create an invisible, protective film that prevents particles from attaching and so repels dust and airborne dirt; reducing asthma, allergies and breathing problems
- airtlite neutralises odours, it does not absorb them, the airtlite breaks down the molecules that cause odours and eliminates them
- airtlite has high breathability, reduces humidity in walls, leaving them dry and preventing the proliferation of mould
- airtlite is resilient in coastal environments, it resists corrosion from salt spray
- airtlite is fireproof

Airlite® is a proven technology that lasts for years with little or no maintenance. It resists staining, repels dirt and increases visibility in tunnels and external infrastructure at the same time as increasing air quality.

Airlite® is independently certified both technically and scientifically by Eurofins, La Sapienza University, the Air Quality Alliance, BREAM and Cradle to Cradle (C2C) by McDonough Braungart Design Chemistry. This applies to its technical characteristics and its declared sustainability criteria, as concerns both its composition and its effects on people's health and the environment.

It was developed originally in 2003, by leading scientists, and has been rigorously tested since; before its official launch. It has been proven in some of the most heavily polluted areas of the world .e.g the Umberto Tunnel, in Rome.

[Click here to watch the video and learn more.](#)

After 13 years, airtlite® is still reducing over 51% of the airborne NO₂ and the white coating looks as fresh and clean as the day it was applied.

Airlite® has been chosen for the following projects:

- **Grosvenor Britain & Ireland** is using its London office to trial environmental efficiency and wellbeing initiatives for the wider estate using Airlite paint in the refurbishment of meeting rooms. 70 Grosvenor Street, Mayfair, Grosvenor's largest global office, home to around 450 employees.
- **Bouygues - East London School:** changing from a conventional paint to Airlite:
 - painted surfaces turned into active air purifiers,
 - beneficial impacts on workforce and building occupants for years to come.
 - trial confirmed Airlite is a suitable alternative to conventional paint - significant environmental and sustainability benefits to Bouygues and clients.
- **Chengdu Overpass, Sichuan:** test began 2012 covering a 800m² overpass with airtlite® SunLight, work was done by Chinese conglomerate Fosun, with good results adding two main benefits: antipollution and self-cleaning for >10 years.
- **Basarab Overpass, Bucharest:** 2 km long; all concrete structures, covering an area of 80,000 m², were coated with grey photocatalytic cement paint.



Airlite® truly is an exciting, forward thinking, 21st century pollution solution.

In partnership with AGlobalite Australia & New Zealand, ReThink Sustainability Pty Ltd is able to offer www.airlite.com for suitable projects. Please contact us for more information:

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