

CLIMATE DECLARATION FOR AIRLITE® PAINTS: SUNLIGHT AND PURELIGHT

Functional unit: coverage of 1 m² of surface

The climate declaration shows the emissions of greenhouse gases, expressed as CO₂-equivalents. It is based on verified results from a lifecycle assessment (LCA) performed as basis for an EPD®, in accordance with ISO 14025.

Information about the product

Airlite Paint is a mineral, inorganic paint with high breathability. It is available in white and numerous colors. Provided in a powder form, it has to be mixed with water before application guaranteeing perfect coverage and a long-lasting effect. The technology of Airlite is recommended by the Italian Ministry of Environment via Article (G.U. n. 84 - 9 April 2004) – Innovative Systems and Technologies for the mitigation and removal of environmental pollution.



Information about the company

AM Technology produces Airlite, an innovative mineral-based technology that could be used and applied as a normal paint. Airlite uses the energy of light to reduce the concentration of pollutants in the air, thus creating healthier and sustainable living environments. The two original founders, Antonio Cianci and Massimo Bernardoni met for the first time in Shanghai at the 2010 Chinese Expo, where Massimo was presenting his invention for the first time.

In 2013, they founded Advanced Materials srl, aimed at creating an innovative product dedicated to air purification and reduction of energy consumption with what is proving to be one of the major innovations in the industry.

Climate declaration

The table below presents the emission of greenhouse gases, calculated as kg of carbon dioxide equivalents using Global Warming Potential 100 years for different information modules:

A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
9.59E-02	8.26E-03	2.08E-03	0	0	0	0	0	0	0	0	7.57E-04	0	8.25E-03	MND*

*MND = Module not declared

Other environmental impacts

For more information, see the EPD, available via <http://environdec.com/en/detail/epd1326>

Contact information

AM Technology Ltd

01 Richmond House, Walkern Road

Stevenage, Herts. SG1 3QP, UK

Contact:

Massimo Bernardoni, mbernardoni@airlite.com

Web:

www.airlite.com



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PCR: 2012:01	UN CPC: 3511	PCR REVIEW CONDUCTED BY: THE TECHNICAL COMMITTEE OF THE INTERNATIONAL EPD SYSTEM	
INDEPENDENT VERIFICATION OF THE DECLARATION AND DATA, ACCORDING TO ISO 14025: EXTERNAL VERIFIER: TECNALIA R&I CERTIFICACIÓN, S.L.		ACCREDITED / APPROVED BY: THE INTERNATIONAL EPD® SYSTEM	
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