

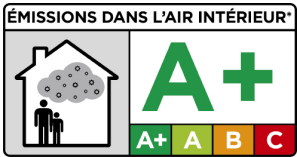


# Tests and certifications

## Tests

Name	Reference standard	Certification institute
Test Method for air purification performance of semiconducting photocatalytic materials	ISO 22197-1: 2007	Queens IPS - Queen's Univerisity
Test Method for air purification performance of semiconducting photocatalytic materials	ISO 22197-1: 2016	University of Rome "La Sapienza"
Determination of the degradation of nitrogen oxides in the air by inorganic photocatalytic materials	UNI 11247: 2010	University of Rome "La Sapienza"
Test Method for Resistance to Growth of Mold on the surface of interior coatings in an environmental chamber	ASTM D 3273 - 12	The MicroStarLab Ltd
Test for antimicrobial activity	JIS Z 2801 : 2000	University of Rome "La Sapienza"
Test for antimicrobial activity	JIS Z 2801 : 2000	EMSL Analytical, Inc.
Solar Reflectance	ASTM Standard E903	EELab Engineering Department Enzo Ferrari University of Modena and Reggio Emilia
Thermal Emittance	ASTM C1371	EELab Engineering Department Enzo Ferrari University of Modena and Reggio Emilia
Solar Reflectance Index	ASTM Standard E1980	EELab Engineering Department Enzo Ferrari University of Modena and Reggio Emilia
Solar Reflectance	ASTM C1549-09	MTI - Momentum Technologies Inc.
Thermal Emittance	ASTM C1371	MTI - Momentum Technologies Inc.
Solar Reflectance Index	ASTM Standard E1980	MTI - Momentum Technologies Inc.
VOC Content	BS EN ISO 11890-2_2013	Dubai Central Laboratory - Government of Dubai
VOC Content	ISO 11890-2:2006	UL – ICQ
VOC Emission	ISO 16000	Eurofins Product Testing
Heavy Metal Content	Internal Method C011 V2: 2001	UL - ICQ
Heavy Metal Content	ICP - MS   IMS - ORG	Suisse Technology Partners AG

## EUROFINS certifications

Regulation or Protocol	Conclusion	Version of Regulation or Protocol
French VOC Regulation		Regulation of March and April 2011 (DEVL1101903D and DEVL1104875A)
French CMR Components	Pass	Regulation of March and April 2011 (DEVL1101903D and DEVL1104875A)
AgBB	Pass	AgBB of February 2015. DIBt of October 2010
Belgian Regulation	Pass	Royal decree of May 2015 (C-2014/24239)
EMICODE	EC 1 PLUS	April 2013
Indoor Air Comfort®	Pass	Indoor Air Comfort 5.3a of March 2015
Indoor Air Comfort GOLD®	Pass	Indoor Air Comfort GOLD 5.3a of March 2015
EN 717-1 <sup>s</sup>	Pass	2004
BREEAM International	Compliant	GN22: BREEAM Recognised Schemes for VOC emissions from Building Products

## LEED is green building

LEED, or Leadership in Energy and Environmental Design, is the most widely used green building rating system in the world. Available for virtually all building, community and home project types, LEED provides a framework to create healthy, highly efficient and cost-saving green buildings. LEED certification is a globally recognized symbol of sustainability achievement.

Projects pursuing LEED certification earn points across several categories, including energy use and air quality. Based on the number of points achieved, a project then earns one of four LEED rating levels: Certified, Silver, Gold or Platinum.



## Airlite is LEED Compliant

The use of Airlite guarantees to gain LEED points in the following areas:

SUSTAINABLE SITE	Heat island reduction	Up to 2
INDOOR ENVIRONMENTAL QUALITY	Low emitting materials	1
ENERGY & ATMOSPHERE	Optimize energy performance	Up to 18
MATERIAL & RESOURCES	Building product disclosure and optimization - material ingredients	Up to 2
MATERIAL & RESOURCES	Construction and demolition waste management	Up to 2
MATERIAL & RESOURCES	Building life-cycle impact reduction	Up to 3
MATERIAL & RESOURCES	Building product disclosure and optimization - environmental product declarations	1

## Cradle to Cradle Certified™



The Cradle to Cradle Certified™ Product Standard guides designers and manufacturers through a continual improvement process that looks at a product through five quality categories — material health, material reutilization, renewable energy and carbon management, water stewardship, and social fairness. A product receives an achievement level in each category — Basic, Bronze, Silver, Gold, or Platinum — with the lowest achievement level representing the product’s overall mark.

Product assessments are performed by a qualified independent organization trained by the Institute. Assessment Summary Reports are reviewed by the Institute, which certifies products meeting the Standard requirements, and licenses the use of the Cradle to Cradle Certified™ word and design marks to the product manufacturer. Every two years, manufacturers must demonstrate good faith efforts to improve their products in order to have their products recertified.

[This product is Cradle to Cradle Certified™ at the silver level.](#)

Cradle to Cradle Certified™ products are evaluated for material health, material reutilization, renewable energy use and carbon management, water stewardship, and social fairness.

### Cradle to Cradle Certified Product Scorecard

MATERIAL HEALTH	Silver
MATERIAL REUTILIZATION	Silver
RENEWABLE ENERGY & CARBON MANAGEMENT	Gold
WATER STEWARDSHIP	Platinum
SOCIAL FAIRNESS	Gold
<b>OVERALL CERTIFICATION LEVEL</b>	<b>Silver</b>

## Limited Warranty Notice

Every reasonable effort is made to apply AM Technology Ltd exacting standards both in the manufacture of our products and in the information which we issue concerning these products and their use. We warrant our products to be of good quality and will replace or, at our election, refund the purchase price of any products proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, AM Technology Ltd MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and AM Technology Ltd shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing within one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith. Any authorized change in the printed recommendations concerning the use of our products must bear the signature of the AM Technology Ltd Technical Manager. This information and all further technical advice are based on AM Technology Ltd.'s present knowledge and experience. However, AM Technology Ltd assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights. In particular, AM Technology Ltd disclaims all CONDITIONS AND WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. AM Technology Ltd SHALL NOT BE RESPONSIBLE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES (INCLUDING LOSS OF PROFITS) OF ANY KIND. AM Technology Ltd reserves the right to make any changes according to technological progress or further developments. It is the customer's responsibility and obligation to carefully inspect and test any incoming goods. Performance of the product(s) described herein should be verified by testing and carried out only by qualified experts. It is the sole responsibility of the customer to carry out and arrange for any such testing. Reference to trade names used by other companies is neither a recommendation, nor an endorsement of any product and does not imply that similar products could not be used.

© 2015 AM Technology Ltd. One Fetter Lane London EC4A 1BR