



LAMILUX COMPOSITES CONSTRUCTION CERTIFICATES

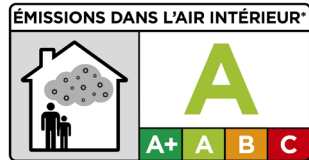
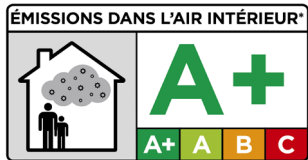
LAMILUX WALL AND CEILING PANELS – CERTIFIED SAFETY AND UNCOMPROMISED QUALITY

High indoor air quality with low VOC emissions

LAMILUX wall and ceiling panels are certified to have low emissions of volatile organic compounds (VOCs) according to SCS Indoor Advantage Gold Seal.

SCS Global Services (SCS) has been providing global leadership in third-party quality, environmental and sustainability verification, certification, auditing, testing, and standards development for three decades. Indoor Advantage Gold certification assures that building material products support a healthy indoor environment by meeting strict indoor air quality (IAQ) chemical emission limits for volatile organic compounds (VOCs).




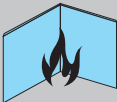
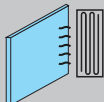
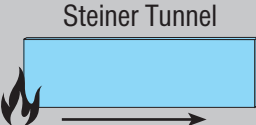
Besides the internationally renowned SCS Indoor Advantage Gold Seal, LAMILUX Composites further comply with the VOC schemes of AgBB as well as Émissions dans l'air Intérieur of which are both well-established in Europe.



WIDE RANGE OF FLAME-RETARDANT AND FREE OF HALOGENS

The LAMILUX FireShield® product family includes solutions for a wide range of flame-retardant requirements in construction as well as for transport by land, sea and air. Thanks to different reinforcements and different resin systems, LAMILUX FireShield® can be configured to meet flame retardant requirements and a wide range of requirements in terms of mechanics, appearance, hygiene and functionality.

All our flame-retardant product qualities are also free of halogens: due to the non-corrosive vapours, this prevents further consequential damage in the event of fire.

 DIN EN 13501-1	 BS 476, pt 6/7	 ASTM E 84
A1/A2 B FireShield® 600 B-s1, d0 FireShield® 630 B-s2, d0 FireShield® 670 B-s2, d0 FireShield® 505 EMB B-s2,d0 C FireShield® 630 C-s2, d0 D FireShield® 610 D-s2, d0 E	Class 0 Class 1 FireShield® 600 Class 2 FireShield® 505 EMB FireShield® 630 Class 3	Class A FireShield® 505 EMB Class B FireShield® 600 FireShield® 610 FireShield® 630 Class C
		

TEST CERTIFICATES & APPROVALS

Not all composites are alike – fibre-reinforced composites must provide maximum benefit for industry in terms of material applications while meeting all quality parameters. Robustness, appearance, durability and consistently uniform physical and mechanical properties: LAMILUX is a leader in quality, innovation and problem-solving in its sector since decades.

LAMILUX is the world's first manufacturer of fibre-reinforced composites to have voluntarily submitted its laboratory and testing facilities to inspection by TÜV Süd Deutschland and to have successfully obtained certification. The voluntary inspection by TÜV Süd Deutschland implicates compliance with stringent quality requirements. Our in-house Research and Development Department uses ultramodern laboratory equipment and simulation environments to guide our composites through all stages in their development, production and life cycles. Comprehensive material tests and analyses form the basis to perform a reliable check on the properties of LAMILUX composites and ensure their resistance and long service life. We are not satisfied until we are able to reliably deliver uncompromising, flawless quality.

- Water vapour diffusion according to DIN 53122 part 2
- Scratch resistance according to EN 15186
- TÜV Süd certified quality
- Reach
- ISO 9001



HACCP HYGIENE STANDARD AND FOOD SAFETY

Due to its excellent hygienic properties, the product LAMILUX AntiBac is recommended by the Federal Association of Food Inspectors Germany e. V. (BVLK) for use in the food processing industry.

LAMILUX wall and ceiling panels are certified as suitable for use in food and beverage facilities that operate in accordance with a HACCP based Food Safety Programme. Tested by HACCP International, the wall and ceiling panels were found to be applicable in the Splash or Spill Zone (SSZ).

HACCP International is in the business of food safety certification, undertaking commercial food safety work, assessing and analysing food safety matters and offering independent advice, evaluation and analysis on products and services for use in the food and beverage industry. Their certification confirms the ability of equipment, materials and services to support the integrity and safety of food as demanded by industry expectations.

Beyond a large variety of wall and ceiling panels for SSZ at choice, LAMILUX Composites feature options for direct food contact and for indirect (unintentional) and intentional food contact.

For Food Safety Lamilux has certified tests of special materials in special environments. Must be checked on a case-by-case basis.



The information in this brochure is based on our current knowledge and experience. It is not a guarantee of technical characteristic features in the scope of specifications. Due to the wide range of usage parameters, users themselves are responsible for testing that the product is suitable for their required use. Changes and errors excepted

