GREENGUARD Certification

Indoor Air Quality / Low Chemical Emissions

PRODUCT CERTIFIED FOR
LOW CHEMICAL EMISSIONS
UL.COM/GG
UL 2818

AN OVERVIEW

Why is indoor air quality important?

People spend about 90% of their time indoors, where air can be 2-5 times more polluted than outdoor air. Products can release thousands of potentially harmful chemicals (VOCs or volatile organic compounds) into the indoor environment. Once airborne, VOCs can easily be inhaled by building occupants. Poor indoor air quality can trigger a number of health problems, including asthma and allergy attacks, headaches and flu-like symptoms.

What is GREENGUARD Certification?

Simply put, GREENGUARD Certification ensures that a product has met some of the world's most rigorous and comprehensive standards for low emissions of volatile organic compounds (VOCs) into indoor air. GREENGUARD Certification helps identify healthier products. As the demand for healthier, more sustainable products continues to expand, consumers and building industry professionals increasingly demand substantiation of product sustainability claims and rely on trustworthy third-party certifiers to guide purchasing and specification decisions. GREENGUARD Certification provides the market with solutions and resources to identify products with lower chemical emissions, and provides manufacturers with credible tools to legitimize and promote their sustainability efforts.

Indoor air quality (IAQ) is closely tied to health, and is therefore recognized as an important concern in homes, schools, healthcare environments and commercial spaces. Volatile organic compound (VOC) emissions from building materials and furnishings is a major source of indoor air pollution. GREENGUARD Certification has been widely adopted as a trusted standard for low-emitting products. In fact, more than 400 green building codes, standards, guidelines, procurement policies, and rating systems give credit for GREENGUARD Certified products.

What are the certification types?

GREENGUARD Certification is the first voluntary North American indoor air quality product certification created specifically for commercial building products. This certification requires that products meet stringent chemical emissions requirements originally developed as purchasing specifications for building projects for the U.S. EPA and the State of Washington. Products with GREENGUARD Certification are compliant with stringent emission levels for more than 360 VOCs, plus a limit on the total of all chemical emissions combined (TVOC).

The GREENGUARD Gold standard includes safety factors to account for sensitive individuals (such as children and the elderly) and ensures that a product is acceptable for use in environments such as schools and healthcare facilities. In addition to limiting emissions of more than 360 VOCs and total chemical emissions, GREENGUARD Gold Certified products must also comply with requirements of the State of California's Department of Public Health "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1 (2010)" (also known as California Section 01350).

Which Phifer products are GREENGUARD Certified?

SheerWeave® interior shading fabrics; SunTex®, SunScreen®, Super Solar Screening, Super Solar Screening+, and Solar Insect Screening exterior shading fabrics; Phifertex® outdoor furniture fabrics and BetterVue®, UltraVue®, PetScreen®, TuffScreen®, 18x14 Pool and Patio Insect Screen, and 20x20 No-See-Ums Insect Screen products are GREENGUARD and GREENGUARD Gold Certified. For the most current list of products and certifications, please contact your Phifer customer service representative.

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