

PRESS RELEASE

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STEP Warmfloor Brings Health and Wellness to Green Hotels in the Next Normal

Eco-friendly hotels are getting back to business, welcoming guests with amenities that improve efficiency, enhance health and promote resilience.

St. Louis, Missouri (May 2021)- The U.S. Green Building Council launched its global economic recovery strategy this month, which outlines a path for how healthy places and LEED will support recovery efforts as businesses prepare for a post-pandemic world. The hotel industry was one of the hardest hit by the pandemic, and as the world prepares to travel again, hotels around the globe are looking for ways to evolve the health and wellness of their indoor environments. Hotels have been turning to green building as a way to demonstrate their re-entry plans and safety measures to guests. Green strategies that consider air quality and ventilation, daylighting, access to outdoor spaces, renewables, energy and water efficiency have been gaining in popularity.¹ [STEP Warmfloor](#) underfloor radiant heating solutions are a sustainable way to bring warmth to hotel suites and spas, all the while reducing energy costs and improving indoor air quality. With a mission to build the future of warmth, safety and wellness, their products can be used in LEED projects so hotels can take advantage of the credits.

“The new Managing Indoor Air Quality During COVID-19 credit is designed to minimize the spread of COVID-19 through the air,” said President of STEP Warmfloor, Monica Irgens. “Radiant heat, like STEP Warmfloor, doesn’t use blowers or fans like forced air heating systems to circulate allergens and micro-particles throughout the room. Radiant heat provides cleaner air, better energy efficiency, and comfort, for a healthier and safer indoor air quality.”

STEP Warmfloor has provided its radiant heating solutions for a variety of hospitality projects, including the spa at the Atlantis Casino and Spa in Reno, Nevada. They designed an entire heated room, including a bench and underfloor heating system. At Rush Creek Lodge in Yosemite, CA, they installed their innovative radiant heating elements in the spa.

STEP Warmfloor is a 24 Volt AC/DC heating system that warms the air by heating the objects within the space from the ground up. Forced air blows dry heated air into a room only for the temperature to fluctuate when the system turns off. STEP Warmfloor is comprised of a unique self-regulating heating element that decreases its

¹ [Green Hotels: Getting Back to Business, Hotel Executive, May 2021](#)- USGBC



electrical consumption when the ambient temperature increases. This maintains a comfortable environment and makes for a system that is energy efficient and does not overheat.

Made of a proprietary electrically conductive polymer material, STEP Warmfloor products can be used in multiple applications. Their residential products are perfect for homeowners who seek the best technologies and products to improve their way of life, as well as architects seeking cutting-edge heating systems for their developments.

STEP Warmfloor products are installed by laying out the heating elements to the pre-designed layout and connecting to a low-voltage electrical power supply. The elements can be put under any non-conductive floor covering be it hardwood, ceramic or porcelain tiles, natural stone, laminate, or carpet.

STEP Warmfloor's radiant heating solutions represent an alignment of nature and engineering to enhance the guest experience and promote the sustainability of hotels everywhere.

STEP Warmfloor's products can be purchased online at warmfloor.com.

About STEP Warmfloor

STEP Warmfloor is transforming heating by delivering warmth in a way that is healthy and creates a consistently comfortable environment. Its radiant heating systems warm up a room by first heating cold objects within it. This avoids spreading allergens, which can happen with forced air systems that provide warmth by blowing heated air into rooms. Because STEP Warmfloor's floor-installed heating elements are self-regulating, they decrease electrical power usage as ambient temperature increases, making them energy-efficient and without risk of overheating. STEP Warmfloor's radiant heating systems are manufactured in Maryland Heights, Missouri, home of founders Stephan and Monica Irgens. The Self-regulating Technology of Electro Plastics from which the company derives its name was first developed in 1981 as a method of heating automobile seats, but has since been adapted for application to homes, roofs for deicing, tiny homes, recreational vehicles, and boats. In 1994, Stephan and Monica introduced the United States to their radiant heating system through Electro Plastics, Inc. To date millions of square feet have been installed throughout the world.

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