

Press Release

Radiant ceiling with ECOPHIT[®] on the Rise in the Middle East

Participants of “Emirates Green Building Council” impressed by new technology

Meitingen, April 10, 2014.

Practical test under extreme conditions passed

In the Middle East, too, radiant ceilings with ECOPHIT[®] have successfully proven that air conditioning technology can be climate-friendly at temperatures of 50°C (122°F). The first projects in Dubai, such as the Marina Plaza office tower in the new Dubai Marina district, show that radiant ceilings with ECOPHIT[®] use considerably less electricity and are therefore both more ecological and economical than classic air-based air conditioning systems. Mohamed Alami, Head of Global Marketing & Sales at SGL Lindner, said: “We will implement our market entry strategy consistently in the Middle East. Our first projects have proven that ECOPHIT[®] supports the ambitious target of the United Arab Emirates for energy-efficient refurbishment of numerous high-rises while simultaneously reducing material and operating costs.”

Presented with the Emirates Green Building Council (EGBC) Award

“And the winner is ... ECOPHIT[®]” – on December 12, 2013, in Dubai, the SGL Group received the award for best “Green Building Material/Product” for the ECOPHIT[®] radiant ceiling solution developed by its joint venture SGL Lindner. The prize honors companies for their commitment in the construction and running of “green” buildings. In their explanatory statement, the expert jury emphasized that radiant ceilings with ECOPHIT[®] simultaneously reduce energy consumption in the building, improve the indoor climate, and reduce energy costs by up to 40%.

“The prize from the EGBC makes us very proud, especially as the offering of the prize by high-ranking representatives of the Emirates underlines the importance of innovative and energy-efficient solutions for this region,” said Mohamed Alami. “The good reception in Dubai in connection with the prize once again confirms the strength of our radiant ceiling solutions made of natural graphite and encourages us to continue to expand our global contribution to an economical and ecological solution.”

In February, the four winners of the Emirates Green Building Council Award 2013 presented their products and systems to a public of over 120 guests as part of an Emirates Green Building Council conference, particularly impressing decision-makers from public authorities, as well as construction industry representatives.

The basis for good performance: expanded natural graphite

The source material, high-quality expanded natural graphite, is what makes the systems especially light and more powerful than other surface temperature control systems. In addition, surface heating and cooling systems with ECOPHIT[®] improve the indoor climate, increase usable space thanks to the minimal panel thickness of the elements, and have excellent acoustic characteristics. Compared to conventional air conditioning systems, meanwhile, they use up to 40% less energy.

About the Emirates Green Building Council

The EGBC was founded in June 2006, with the aim of promoting the principles of ecological construction in order to protect the environment and ensure sustainability in the United Arab Emirates. The prize should set standards in future, against which ecological solutions and measures in the construction industry can be evaluated and measured. With ECOPHIT[®], the SGL Group has become one of the first five winners in the history of the award.

About SGL Lindner GmbH & Co. KG

The joint venture SGL Lindner stands for energy-efficient complete solutions for building temperature control. The company combines the SGL Group's material competence in manufacturing the environmentally friendly graphite material ECOPHIT[®] with the expertise of the Lindner Group, which has more than 50 years of experience in construction using new solutions. SGL Lindner uses an extensive network of partners to offer the entire value chain – from material to heating and cooling elements, all the way to innovative surface temperature control systems for building climate control.

More information on ECOPHIT[®] can be found on the internet at www.ecophit.com.

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