



Press Release
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Armstrong® World Industries Introduces School Zone® Fine Fissured™ Templok® Energy Saving Ceiling Panels

Expanded portfolio of ceiling panels featuring phase change technology can help learning facilities achieve up to 15% energy savings, lower carbon emissions, better IEQ, and more



LANCASTER, Pa. — Armstrong® World Industries continues to expand its portfolio of [Templok® Energy Saving Ceilings](#)—an innovative product addressing demands for solutions that reduce energy consumption and carbon emissions in buildings—to support the needs of a variety of facility designs and functions. Armstrong recently introduced Templok to its [School Zone® Fine Fissured™](#) portfolio after rolling out Ultima® Templok® and Calla® Templok® ceiling panels earlier in 2024. By integrating the technology of Phase Change Material (PCM) with Armstrong mineral fiber ceiling panels, all three products can reduce energy costs and consumption by as much as 15%.* In addition, the panels support higher Indoor Environmental Quality (IEQ) by enabling improved thermal comfort and are part of the Armstrong® Total Acoustics® product portfolio, offering enhanced sound-blocking and sound-absorption performance.

The PCM technology in School Zone Fine Fissured ceiling panels—an economical, non-directional panel that is ideal for classrooms—helps address a growing number of challenges being faced by today’s school administrators and facility managers. Installing Templok panels in large surface areas of a given space supports improved thermal stability, reduced heating and cooling needs, and more efficient HVAC operation, helping create spaces that are more comfortable, more sustainable, and smarter in terms of building operations and resiliency.

“Tens of thousands of schools need to update or replace HVAC systems that are running inefficiently and driving up energy costs while falling short in achieving adequate thermal comfort,” said Alexandra Waltemyer, Business Leader, Energy Saving Ceilings, at Armstrong. “Unfortunately, limited budgets are preventing necessary upgrades. Students, faculty, and the planet are paying the price as climate change continues to drive temperature extremes during the school year. School Zone Fine Fissured Templok ceilings by Armstrong offer an economical way for schools to reduce energy costs and take the burden off aging HVAC systems by updating something every classroom and office needs—ceiling panels.”

Armstrong developed School Zone Fine Fissured Templok ceiling panels specifically for educational facilities—accounting for typical budget challenges as well as critical components for achieving IEQ that supports better student performance. PCM technology in School Zone Fine Fissured Templok ceiling panels regulates room temperature passively, so there is no need for an energy source, such as electricity, and no additional equipment to maintain. The ceiling panels also offer total noise control and floor plan versatility, delivering strong sound absorption (NRC 0.70) and exceptional sound blocking (CAC 40) for enhanced speech privacy. And, they have a mold- and mildew-resistant surface with a non-directional visual for fast, efficient installation.

Templok Solutions to Fit Any Space

Having Templok PCM technology available in the Ultima, Calla, and School Zone Fine Fissured ceilings demonstrates Armstrong’s commitment to providing energy saving ceiling solutions that meet the demands of any space. The options allow architects, designers, facility managers/operators, and contractors to address requirements such as heating and cooling needs, acoustical and privacy requirements, budget, and environmental priorities. All three Templok products fit into the thermal comfort portion of the WELL Building Standard™ and can contribute to energy and atmosphere credits for LEED®. Templok ceiling panels are also made in the U.S.A. of domestic and global content, and they are Build America, Buy America Act compliant.

Templok Ceilings are a key part of “Building Better Together,” an Armstrong initiative focused on industrywide collaboration to advance sustainable solutions to public health and climate change challenges. Since being introduced in January 2024, Templok ceiling panels have gained the attention of communities and government agencies dedicated to improving energy efficiency. In summer 2024, Ultima Templok was included in the U.S. General Services Administration’s Green Proving Ground (GPG) program. Ultima Templok ceiling panels were also installed in a community center as part of a validation study conducted with the U.S. Department of Energy Office of Energy Efficiency and Renewable Building.

For more information on Templok ceilings, visit www.armstrongceilings.com/energysavingceilings.

About Armstrong World Industries

Armstrong World Industries, Inc. (AWI) is a leader in the design and manufacture of innovative ceiling and wall solutions in the Americas. With \$1.3 billion in revenue in 2023, AWI has approximately 3,500 employees and a manufacturing network of 19 facilities, plus seven facilities dedicated to its WAVE joint venture. For over 160 years, Armstrong has pursued innovation and manufacturing excellence to deliver products and services that can transform how people design, build, and experience spaces with aesthetics, acoustics, well-being, and sustainability in mind. Armstrong’s extensive environmental efforts earned them the designation as one of [America’s Greenest Companies 2025 by Newsweek](#).

* Cooling energy savings according to research estimates measured in lab tests. Results may vary. LEED® is a registered trademark of the U.S. Green Building Council; WELL Building Standard™ is a trademark of the International WELL Building Institute™; all other trademarks used herein are the property of AWI Licensing LLC and/or its affiliates

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