



Press Release
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Armstrong Enhances Energy Saving Ceiling Solutions for Improved Sustainability, Occupant Well-Being, and Ease of Retrofitting

Armstrong® Calla® Templok® and Ultima® Templok® ceiling panels are now PVC-free and continue to support up to 15% energy savings and up to 50% in tax savings.



LANCASTER, Pa. — Armstrong World Industries has updated its [Templok® Energy Saving Ceilings](#) solutions to support higher levels of sustainability as well as occupant comfort and well-being. Armstrong® Calla® Templok® and Ultima® Templok® ceiling panels now have a metalized film backer, making them free of PVC and Red List chemicals. They also carry Class A 25/50 fire performance now with UL® certification for use in return air plenum, and they are part of the Armstrong® Sustain® portfolio, meeting the most stringent industry sustainability compliance standards today. In addition, the mineral fiber ceiling panels come in two sizes, 24" x 48" (new) and 24" x 24". This allows them to be easily installed using a standard 9/16" or 15/16" grid system and provides an attractive solution for retrofits.

These improvements are integrated with the innovative use of Phase Change Material (PCM) technology that makes Templok a one-of-a-kind ceiling solution that can reduce a facility's energy costs and consumption by as much as 15% and provide up to 50 BTUs/SF of passive cooling.* Projects using the energy saving ceiling panels may also qualify for up to 50% in federal tax credits.

"At Armstrong, innovation is an ongoing process, not a stagnant achievement, which is incredibly important as architects, designers, and facility and property managers push the boundaries to maximize resiliency and optimize performance in the built environment," said Alex Waltemyer, Director, Energy Saving Ceilings, at Armstrong. "Since we introduced Templok two years ago, the ceiling panels have been used in an increasing number of new construction and renovation projects. With these latest enhancements, we've enriched the overall benefits for architects, designers, contractors, and building owners—offering all of them a reliable solution for meeting today's stricter demands for the environment and occupant well-being."

Improved thermal comfort and additional benefits

The integration of PCM with Templok mineral fiber ceiling panels allows passive heating and cooling to help regulate temperature, improve thermal comfort, and reduce demand on HVAC systems. In addition to making a space more sustainable and resilient, the ceiling panels support higher Indoor Environmental Quality (IEQ) as part of the Armstrong® Total Acoustics® product portfolio, offering enhanced sound-blocking and sound-absorption performance. Calla Templok and Ultima Templok fit into the thermal comfort portion of the WELL Building Standard™ and can contribute to LEED® v5 credits. The ceiling panels are also made in the U.S.A. of domestic and global content, and they are Build America, Buy America Act compliant.

In June 2025, Armstrong and Integrated Environmental Solutions (IES) launched Templok Energy Saving Ceilings into IES Virtual Environment (IESVE) software, a suite of integrated analysis tools supporting architects, consultants, and engineers in optimizing building performance. The integration of Templok verified energy savings into this energy-modeling software offers users a streamlined, easy-to-use method of simulating the effect of the PCM ceilings within their whole-building IESVE model.

Templok Energy Saving Ceilings are a key part of "Building Better Together," an Armstrong initiative focused on industrywide collaboration to advance sustainable solutions that address public health and climate change challenges. For more information on Armstrong Templok Energy Saving Ceilings, visit armstrongceilings.com/templok. If help is needed an Armstrong TechLine expert can be reached at armstrongceilings.com/techline.

About Armstrong World Industries

Armstrong World Industries, Inc. (AWI) is an Americas leader in the design and manufacture of innovative interior and exterior architectural applications including ceilings, specialty walls, and exterior metal solutions. For more than 160 years, Armstrong has delivered products and capabilities that enable architects, designers, and contractors to transform building design and construction with elevated aesthetics, acoustics, and sustainable attributes. With \$1.4 billion in revenue in 2024, AWI has approximately 3,800 employees and a manufacturing network of 21 facilities, plus seven facilities dedicated to its WAVE joint venture. 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.
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