



Spray Foam Tech Expands Professional Spray Foam Insulation Services

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Spray Foam Tech, a residential and commercial insulation contractor based in Temple, has expanded its service coverage to additional communities across Central Texas. Owned by Cody Carrow, the company now provides spray foam insulation in Temple, TX and nearby municipalities, meeting the growing demand for energy-efficient building solutions.

According to the U.S. Department of Energy, heating and cooling account for 50 to 70 percent of household energy use. Proper insulation can lower these costs by up to 20 percent annually. Spray polyurethane foam (SPF) insulation provides both thermal resistance and air sealing, outperforming traditional fiberglass insulation that often suffers from gaps and compression issues.

"We've received steady requests from property owners outside our main service area who need professional insulation solutions," said Cody Carrow, owner of Spray Foam Tech in Temple, TX. "Expanding our coverage lets us help more customers reduce energy use and improve indoor comfort. It's a timely move

given regional construction growth and the number of older homes that benefit from insulation upgrades.?

The National Association of Home Builders reports that about 64 percent of U.S. homes were built before 1990, when insulation standards were much lower. In Texas, where summer temperatures often exceed 95°F and winters can dip below freezing, poor insulation leads to significant energy loss. The North American Insulation Manufacturers Association estimates that nearly 90 percent of U.S. single-family homes are under-insulated.

Spray foam insulation has been used in construction for more than 30 years. Closed-cell foam offers an R-value of roughly 6.0 to 7.0 per inch, while open-cell foam provides about 3.5 to 3.6 per inch. In comparison, fiberglass batts range from 2.9 to 3.8 per inch and lose effectiveness when not properly installed.

Beyond thermal performance, spray foam creates an air barrier that helps block outdoor air, moisture, and pollutants. The Environmental Protection Agency identifies air leakage as a major source of energy waste, responsible for up to 40 percent of heating and cooling costs. Research from Oak Ridge National Laboratory shows that spray foam can reduce air leakage by as much as 95 percent compared to conventional insulation.

The company's expansion aligns with broader construction trends in Texas. The Texas Association of Builders reported more than 275,000 new housing permits issued in 2023, concentrated in the Austin-Round Rock and Temple-Killeen areas. Population growth and new development have fueled steady demand for insulation services.

Rising energy costs have also driven interest in energy-saving upgrades. The Electric Reliability Council of Texas (ERCOT) notes that average residential electricity prices increased about 30 percent between 2020 and 2024. For many homeowners, insulation improvements remain one of the most cost-effective ways to lower utility bills.

Proper insulation also supports indoor air quality and moisture control. The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) highlights that sealing air leaks reduces the entry of outdoor pollutants, allergens, and humidity. In humid regions like Central Texas, closed-cell spray foam acts as both an air and vapor barrier, helping prevent mold growth and maintaining healthier indoor conditions.

The spray foam insulation market has grown quickly as building codes tighten and energy efficiency awareness increases. Market research shows that the U.S. spray foam insulation industry reached multi-billion-dollar value in 2023, with residential applications leading growth. Key drivers include higher energy costs, stricter building standards, and consumer focus on comfort and sustainability.

Industry best practices are guided by the Spray Polyurethane Foam Alliance (SPFA), which provides certification and safety standards for contractors. Professional installation ensures correct foam density, full coverage, and safe application, critical for long-term performance.

Texas building codes now follow the International Energy Conservation Code (IECC), which calls for higher insulation levels than in previous editions. Meeting these standards often requires spray foam or comparable high-performance materials.

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For more information about Spray Foam Tech, contact the company here: Spray Foam Tech Cody Carrow (737) 777-9590 oldworldtx@hotmail.com 15311 Faubion Trail, Leander, Tx 78641

Spray Foam Tech

Since 2007, Spray Foam Tech has served Liberty Hill and Central Texas with insulation and waterproofing for homes, barns, and businesses. Our local, skilled team tailors solutions to the region's climate, focusing on what truly works for each property

Website: <https://sprayfoamtechtx.com/>

Email: oldworldtx@hotmail.com

Phone: (737) 777-9590

