

Stellrr Insulation & Spray Foam Expands Energy-Efficient Insulation Services

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AUSTIN, TX - November 07, 2025 -
Stellrr Insulation & Spray Foam has expanded its residential and commercial insulation services in the Round Rock, TX region, adding spray foam application capabilities to its existing service portfolio. The company, which operates from Round Rock, now provides both traditional and modern insulation solutions to property owners throughout the area.

The growing demand for energy-efficient building solutions in Texas, where temperature extremes drive up heating and cooling costs. According to the U.S. Department of Energy, heating and cooling account for approximately 50 to 70 percent of energy use in average American homes. Proper insulation can reduce these costs by up to 20 percent annually, depending on climate zone and existing insulation levels.

"We recognized that property owners in this region need access to comprehensive insulation services that address both immediate comfort concerns and long-term energy efficiency," said Shawn Mansur, owner of Stellrr Insulation & Spray Foam in Round Rock. "The expansion allows us to serve residential

homeowners, commercial property managers, and new construction projects with solutions suited to Central Texas climate conditions."

The Central Texas climate presents specific challenges for building insulation. Summer temperatures regularly exceed 95 degrees Fahrenheit, while winter lows can drop below freezing. The region's climate zone classification requires insulation levels of R-30 to R-49 in attics and R-13 to R-21 in walls for optimal performance, according to International Energy Conservation Code standards.

Spray foam insulation has become increasingly relevant in markets experiencing temperature volatility. The material expands upon application, filling gaps and cracks that allow conditioned air to escape. According to the Spray Polyurethane Foam Alliance, closed-cell spray foam provides an R-value of approximately 6.5 per inch, compared to 3.5 per inch for fiberglass batts. This higher thermal resistance means less material is needed to achieve equivalent insulation performance.

The health and safety aspects of proper insulation extend beyond energy savings. The Environmental Protection Agency identifies inadequate insulation as a contributing factor to indoor air quality problems. Gaps in building envelopes allow outdoor pollutants, allergens, and moisture to enter living spaces. Moisture infiltration can lead to mold growth, which the Centers for Disease Control and Prevention links to respiratory symptoms and asthma exacerbation.

The Texas residential construction market has experienced substantial growth over the past decade. According to the Texas A&M Real Estate Center, the Austin-Round Rock metropolitan statistical area issued permits for more than 30,000 new housing units in 2023. This construction activity creates ongoing demand for insulation contractors capable of meeting updated energy codes and builder specifications.

Energy code requirements in Texas have become more stringent over time. The 2021 International Energy Conservation Code, adopted with amendments by many Texas municipalities, requires improved thermal performance compared to previous versions. Builders and homeowners seeking code compliance must ensure insulation meets minimum R-value requirements and passes air leakage testing where applicable.

The economic case for insulation improvements applies to both new and existing buildings. Research from the North American Insulation Manufacturers Association shows that upgrades typically pay for themselves through energy savings within two to eight years, depending on project size and local utility rates. In Texas, where electricity averages 13?14 cents per kilowatt-hour, payback often occurs sooner.

Environmental considerations have also shaped material choices. Modern spray foam uses blowing agents with lower global warming potential, moving away from hydrofluorocarbons. Energy savings usually offset the embodied carbon from manufacturing within one to three years, according to life cycle analyses.

Commercial spray foam applications differ from residential projects in scale and requirements. Many commercial buildings require fire-rated assemblies, higher R-values, and coordination with mechanical systems. Cold storage and metal buildings, common in Texas, benefit from spray foam?s ability to seal seams, prevent thermal bridging, and reduce condensation.

Building performance testing is increasingly common. Blower door tests measure air leakage, while thermal imaging detects gaps or insufficient insulation. These tools help target improvements for maximum impact.

Insulation also affects HVAC performance. Poorly insulated buildings force systems to run longer, increasing energy use and wear. Proper insulation allows HVAC equipment to maintain setpoints efficiently, reducing maintenance needs and extending lifespan.

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Stellrr Insulation & Spray Foam

Stellrr, a local Austin company, transforms attics, crawlspaces, and walls into healthier, more energy-efficient spaces. We?ve served over 4,700 clients with honest pricing, a skilled team, and a spotless record?reinvesting in and strengthening Austin.

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