July 9, 2025

Subject: 681 Griffin Rd - Certification of R-Value for Spray Foam Insulation

To Whom It May Concern:

I am writing to provide you with the required certification of the R-value for the spray foam insulation installed in **681 Griffin Rd, Lillington, NC 27546** by Energy Saving Insulation, LLC. This certification verifies the R-values achieved with open and closed cell spray foam insulation.

Project Details:

* Project Address: 681 Griffin Rd, Lillington, NC 27546
* Date of Completion: July 9, 2025

Insulation Details:

Please note that the insulation installation adhered to the prevailing North Carolina State Building Code: Residential Code, specifically section N1102 (R402) "Building Thermal Envelope."

North Carolina State Building Code: Residential Code URL: <https://codes.iccsafe.org/content/NCRC2018/chapter-11-re-energy-efficiency#NCRC2018_Pt04_Ch11_SecN1102>

**Open-Cell Spray Foam Insulation**

Insulation Brand/Type: **NCFI - InsulStar Light 12-008**

* Open cell thickness on:
* Roof Deck: **10”** Achieved R-Value: **38**
* Exterior Walls: **5”** Achieved R-Value: **19**

**Closed-Cell Spray Foam Insulation**

Insulation Brand/Type: NCFI - Closed Cell 1.7 -InsulStar1.7

* o Closed cell thickness on:

* Exterior Walls: **2.8”**  ​​​Achieved R-Value: **19**

Installation Details:

Open-Cell Spray Foam Insulation:
The open-cell spray foam insulation was meticulously installed in roof deck and wooden gable wall of barndominium, ensuring comprehensive coverage and optimum thermal performance.

Closed-Cell Spray Foam Insulation:
The closed-cell spray foam insulation was meticulously installed in metal exterior walls of barndominium, ensuring comprehensive coverage and optimum thermal performance.

Certification: I hereby certify that the above-mentioned spray foam insulation was completed by our company in accordance with industry best practices and manufacturer's guidelines. The stated R-values were achieved based on the specific insulation products used and their respective thicknesses. The insulation installation was performed by qualified and trained professionals adhering to all relevant safety and quality standards.

Please find attached the relevant documentation, including product specifications, and any other supporting documents that demonstrate the R-values achieved for the spray foam insulation.

Should you require any further information or have additional questions, please do not hesitate to contact me directly at (919) 798-9906.

Thank you for your attention to this matter.

Sincerely,



Managing Partner

M: (919) 798-9906

info.esinsulation@gmail.com