Florida Building Commission
Building Codes and Standards
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Melanie S. Griffin, Secretary

Ron DeSantis, Governor

October 30, 2024

ADVISORY: To All Building Officials

RE: Requirements for Testing R-value for Building Thermal Envelope Insulation

This is to advise that sections C303.1.4 and R303.1.1.1, Florida Building Code, Energy Conservation, 8th Edition (2023), require the thermal resistance (R-value) of insulation to be determined in "accordance with the U.S. Federal Trade Commission (FTC) R-value rule (CFR Title 16, Part 460)" for both commercial and residential construction. The FTC's R-value rule, 16 CRF § 460.5, outlines acceptable R-value tests for products claiming thermal resistance properties.

The Florida Building Code requires manufacturers of insulation products to provide certifications or evaluation reports from nationally accredited certification or evaluation entities to assist Building Code Officials during an inspection. The certifications or evaluation reports should confirm compliance with specific testing standards as prescribed by the Code, include the product's stated R-value, and identify the approved third-party agency certifying the results.

Should you have any questions concerning this advisory please contact the Building Codes and Standards Office at (850) 487-1824.