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## Building Science

ESI is a building science consulting and full service firm that specializes in building technology consulting for all types of buildings including Commercial, institutional and residential. Our focus is preventing and resolving problems related to building design, construction and operation. We are recognized for our expertise in moisture dynamics, indoor air quality, and building failure forensic investigations. We are also on the leading edge of the design of sustainable buildings and communities. We believe in promoting energy efficiency and environmental responsibility within the constraints of marketable and affordable building technology.

From our understanding of air and moisture flow within buildings, indoor air quality investigations and assessments are a regular component of our services. As a result of our experience in moisture migration, we have specific expertise in conducting microbial, mold, and moisture investigations in commercial and institutional facilities located in southern and humid climates.

Through forensic investigations, ESI has gained considerable expertise in the application of rain screen principles, drainage planes and in the application of air flow retarder and vapor diffusion retarder systems.

