

# BUILDING SCIENCE BUILDING SCIENCE



Building envelope failures have created structural, maintenance and energy cost issues throughout the country. Cook Engineering & Architecture's building science services encompasses building envelope studies/evaluations and retrofitting including remediation design of deficiencies. Our blend of environmental, building component specialists and engineering expertise provides us with the technical skills needed to evaluate buildings and provide both long and short term, effective solutions.

- Building Envelope Investigations
- Project Management Services for Design, Specifications, Tendering & Inspection
- Rainscreen Walls
- Building Thermal Performance Reviews
- Retrofit Design
- Moisture and Air Barriers
- Cost Estimating
- Construction Administration
- Air Quality, HVAC & Ventilation System Modeling
- Air Dispersion Modeling
- Duct Design/Arrangement
- Piping and Pumping Designs
- Instrumentation



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*"Providing The Right Solution for Effective Results"*