



1. Performance Requirements

- .1 Regardless of exposure classification and climate zone, building envelope components and assemblies shall be designed using rainscreen principles.
- .2 Building envelope design shall include consultation with a Building Envelope Professional (BEP), or other Registered Professional recognized by the Authority Having Jurisdiction who is actively practicing in the field of Building Science and Enclosure Design.
- .3 Building envelope design shall avoid thermal bridging wherever possible. Continuous insulation is encouraged in all design and shall consider the effects of thermal bridging for all structural materials, backing, fasteners, clips, z-bars, hat channels etc.
- .4 Where structural components penetrate the building envelope, materials shall be suitable for exterior exposure (ie. corrosion protection for metals or preservative treatment for wood).
- .5 General building envelope design shall consider ease of maintenance and renewals. Components with limited designed service lives shall be easily accessible for renewals without the requirement for significant deconstruction of longer life components. For example, windows in masonry openings shall be detailed such that removal of the window frame shall not require demolition of the masonry.