



**1. Performance Requirements**

- .1 Insulation shall be installed outboard of the plane of air-tightness (ie. the air barrier shall be on the warm side of the insulation). Insulation shall be installed tight to the air barrier plane. Design of 'split insulation' wall assemblies shall demonstrate effective control of moisture (condensation) with a considerable safety tolerance.
- .3 Insulation retention and furring shall be designed to minimize the effects of thermal bridging.
- .4 Insulation products installed in locations (ie. wall cavities) susceptible to moisture must be intended for such purposes with regards to performance and overall durability.
- .6 Where spray applied urethane insulation systems are specified, installations shall be in conformance with the CUFCA (Canadian Urethane Foam Contractors Association), "Manual for Installers of Spray Polyurethane Foam Thermal Insulation", carried out by a certified installation Contractor.