



1. Performance Requirements

- .1 All new and retrofit building design shall define a continuous air barrier. All building envelope drawings and details, and shop drawings shall clearly identify the plane of air tightness and identify all air barrier materials and components.
- .2 Compliance of the continuous air barrier shall be demonstrated by one of the following methods:
 - .1 Materials: Using individual materials that have an air permeability not to exceed $0.02 \text{ L/s}\cdot\text{m}^2$ under a pressure differential of 75Pa when tested in accordance with ASTM E2178.
 - .2 Assemblies: Using assemblies of materials and components that have an average air leakage not to exceed $0.2 \text{ L/s}\cdot\text{m}^2$ under a pressure differential of 75Pa when tested in accordance with ASTM E2357 or ASTM E1677.
 - .3 Building: Testing the complete building and demonstrating that the air leakage rate of the building envelope does not exceed $2.0 \text{ L/s}\cdot\text{m}^2$ under a pressure differential of 75Pa when tested in accordance with ASTM E779 or an equivalent approved method.