

# SEAL TONGUE & GROOVE CEILING



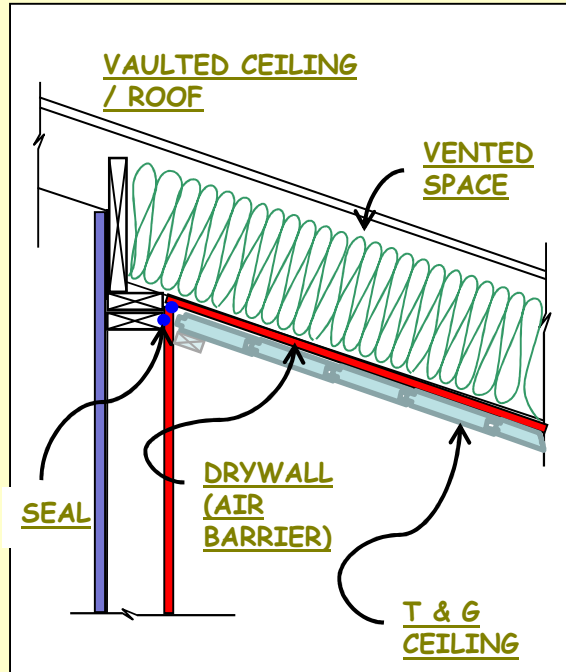
NORTHWEST  
EcoBuilding  
Guild

**Concept** – T & G ceilings look good but in most cases do not form a good air barrier. The “Chimney effect” makes higher pressure at the ceiling of a heated house, forcing moisture laden warm air into the attic. In the worst cases water marks from condensation running down beams or walls can be seen. This also applies to walls on upper floors.

**Attention** – Architect; Project Manager; Insulator; Drywall; Finish Carpenter

**Action** – T & G ceilings must have an air barrier. Best practice is to drywall and fire tape first, then install boards

**Retrofit** – Best practice is to take the boards down and re install with air barrier. If not practical all joints should be caulked with water based latex caulk, wiped in with damp cloth. May alter the look of the ceiling.

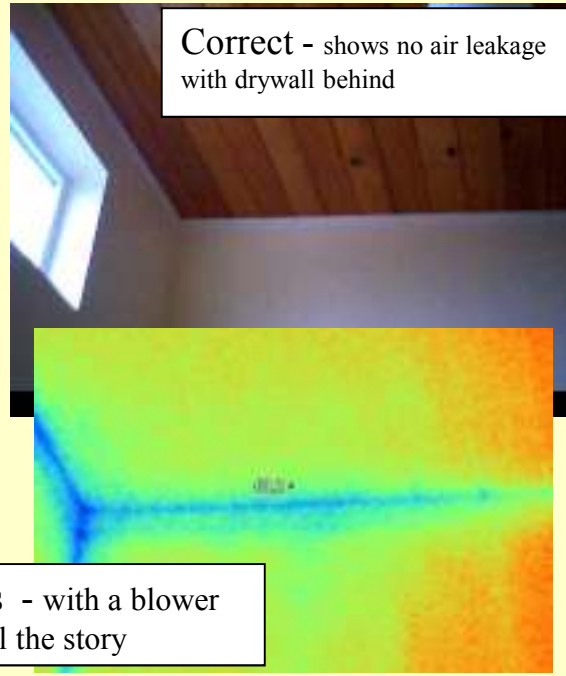
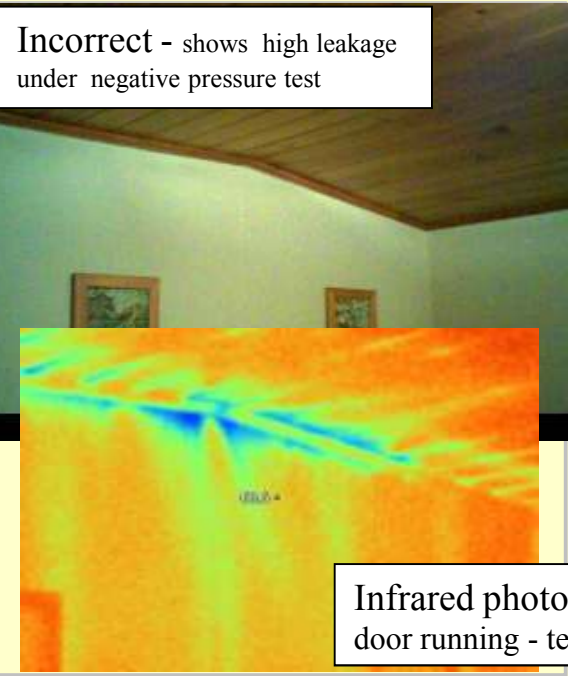


Design

Foundation

Framing

Mechanical



Insulation / Wall

Finish

Landscape

Infrared photos - with a blower door running - tell the story

Expert knowledge from:



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- Energy Audits, Modeling, & Performance Testing
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