



Skyliner® Technical Bulletin 013: **Skyliner® and Air Barriers**

Are air barriers required?

Yes. ASHRAE 90.1, ASHRAE 189.1, and IECC are now calling for air barriers.

What are methods for compliance?

1. Materials Compliance Option: Skyliner fabric passes the ASTM E2178 test as an approved air barrier.
2. Assembly Compliance Option: Skyliner's standard assemblies have performed well and were within the required leakage requirements in the MBMA tests to determine if standard metal building roof and wall assemblies pass the air infiltration requirements.
3. Whole Building Compliance Option (Air Blower): this is probably the most difficult of the three options. For this option, final compliance is the passing of an Air Blower test, per ASTM E779-10 "Standard Test Method for Determining Air Leakage Rate by Fan Pressurization". If the building fails the blower test, the contractor must fix and seal joints and may need to test again, per ASHRAE Standard 90.1-2019 Section 5.4.3.1.1 "Whole-Building Air Leakage". If this option is selected for compliance, the contractor cannot switch to the Materials or Assembly option for compliance.

Can the traditional assemblies meet the air barrier requirements?

Yes, as mentioned before, Skyliner is ASTM E2178 compliant. However, IECC requires that all joints be sealed.

**Questions? Contact your Bay District Manager,
call 844.999.7153 or visit www.SkylinerSystems.com.**

(Photo of Actual fabric)



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