| v3 - LEED 2008

Air infiltration

EAc3 | Possible 3 points

Glossary

Intent

Minimize energy consumption caused by uncontrolled air leakage into and out of conditioned spaces.

Requirements

Prerequisites

3.1 **Reduced envelope leakage.** Meet the air leakage requirements shown in **Table 1**. The air leakage rate must be tested and verified by an qualified energy rater.

Credits

3.2 **Greatly reduced envelope leakage** (2 points). Meet the air leakage requirements shown in **Table 1**. The air leakage rate must be tested and verified by an qualified energy rater.

OR

3.3 **Minimal envelope leakage** (3 points). Meet the air leakage requirements shown in **Table 1**. The air leakage rate must be tested and verified by an qualified energy rater.

Table 1 Air Leakage Requirements

LEED Criteria	Performance requirements (in ACH50)			
	IECC Climate Zones 1-2	IECC Climate Zones 3-4	IECC Climate Zones 5-7	IECC Climate Zone 8
EA 3.1: Reduced Envelope Leakage (mandatory)	7.0	6.0	5.0	4.0
EA 3.2: Greatly Reduced Envelope Leakage (optional)	5.0	4.25	3.5	2.75
EA 3.3: Minimal Envelope Leakage (optional)	3.0	2.5	2.0	1.5