



Setting the **Standards** for  
**Home Energy Efficiency**

**Interpretation:** Door seals

**Designation:** IR 380-2019-009 & 380-2022-002

**Approved:** May 28, 2025 by RESNET SDC 300

**Effective Date:** July 1, 2025

**Reference:**

Standard 380-2022

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Relating to: Door seals and enclosure airtightness testing

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**Background Statement:** *Provided by person requesting the interpretation.*

Section 4.3.2.4 requires that the door where a blower door is installed be inspected for the presence of a “door seal” installed to “minimize air leakage between the door and door frame”. For tests conducted in a dwelling unit where the door does not have a door seal or the seal is improperly installed, 140 CFM50 of leakage is added to the measured airflow.

It is ambiguous whether the door seal must be present on the bottom of the door (e.g., using a door shoe or door sweep) to avoid the leakage penalty.



Door Shoe



Door Sweep

Some may consider the “door frame” to only encompass the sides and the top of the door. Others may consider it to encompass all four sides of the door, particularly given the stated intent of minimizing air leakage around the door.

**Proposed Interpretation:** *Provided by person requesting the interpretation.*

The term “door frame” is intended to encompass all four sides of the door. To meet the stated intent to minimize air leakage around the door, the door seal must be present on the bottom of the door (as well as the top and the sides) to avoid the air leakage penalty of 140 CFM50.

Future editions of the standard could be refined to better convey this current intent.

**SDC Response:**

Is the proposed interpretation correct?     ☒ Yes     ☐ No

**SDC Comments:**