**Interpretation:** Airtightness Testing of a Dwelling Unit, With Horizontally Adjacent Units

**Designation:** 380-2019-007

**Approved:** February 25, 2021 by RESNET SDC 300

**Effective Date:** April 1, 2021

**Reference:**

 Standard ANSI / RESNET / ICC 380-2019

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 Sections(s): 4.3.2.2.3

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Relating to: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Request from:**

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**Background Statement:**

Section 4.3.2.3 states, “Where access is permitted, open doors between the enclosed space and any Dwelling Units that are horizontally adjacent to the subject Dwelling unit.” Footnote 18 provides an example of the procedure to follow when the blower door is installed in a doorway leading to a double loaded corridor. To get consistent testing results it seems the same procedure should be followed when testing attached dwelling units such as townhomes where all entrance doors open to the outside instead of an enclosed space. The standard does not address this scenario.

 **Proposed Interpretation:**

Section 4.3.2.3 clearly states that doors to horizontally adjacent dwelling units should be open if possible when the infiltration testing of the subject dwelling unit is conducted in a door leading into an enclosed space. However, the standard does not specifically state that the entrance doors of horizontally adjacent units should be opened when testing an attached dwelling unit from a door leading to the outside. In this scenario the doors between the outside and horizontally adjacent units would not need to be opened.

**SDC Response:**

Is the proposed interpretation correct? \_\_\_X\_\_ Yes \_\_\_\_\_ No

**SDC Comments:**

As written, the proposed interpretation is correct. As mentioned in your Background Statement, having the same procedure will produce consistent testing results but that is not addressed in this Section. The committee will address this issue as it refines Standard 380 further.