RESNET
RESIDENTIAL ENERGY SERVICES NETWORK

Setting the **Standards** for
Home Energy Efficiency

Interpretation: Procedure to Calculate the Area of a Door

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Reference:

Standard	ANSI/RESNET/ICC 301-2019
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Relating to:	Procedure to calculate the area of a door

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

The standard states to "Measure the linear perimeter of the door and round to the nearest inch." Then use that information to calculate the area of the door. The word "perimeter" is confusing because a perimeter is "the continuous line forming the boundary of a closed geometric figure." That measurement would be of the top edge, bottom edge, and both side edges. The full perimeter is not helpful in determining the area of the door and the use of this word adds confusion.

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

The proper procedure to determine the area of doors is: Measure the width and height of the door and round to the nearest inch. Use these measurements to calculate the area of the door by multiplying the rounded width times the rounded height and round that result to the nearest tenth of a square foot.

SDC Response:

Is the proposed interpretation correct? __X__ Yes ____ No

SDC Comments:

No additional comment.