



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

## **Interpretation of Standard ANSI/RESNET/ICC 380-2016 Regarding Definitions of *Cavity* and *Attic Volume***

**Designation:** 380-2016-01

**Approved:** August 25, 2017 by SDC 300, Testing, Calculation and Labeling for Home Energy Ratings

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**Applies to:** ANSI/RESNET 380-2016 Chapter 2 Definitions

### **Interpretation:**

As it applies to the definition of Conditioned Floor Area, Conditioned Space Volume, Infiltration Volume and Unconditioned Space Volume, the term “cavity” is to be interpreted as follows:

- In the case of walls, cavity is to be interpreted as the full thickness of the wall
- In the case of floors, cavity is to be interpreted as the full depth of the floor.

As it applies to attics, the attic volume shall include all space volume between the interior ceiling and knee wall surfaces of the attic (e.g. drywall) and the roof and gable sheathing surfaces (e.g. decking), including all framing members and insulation at the ceiling, knee walls, roof plane and gable walls or other bounding planes of the attic.

### **Rationale:**

The term “cavity” is not defined by the standard and has a common definition which is not intended by the subject definitions in this standard. The volume of attics is not defined in the standard.