

ANSI/RESNET/ICC 301-2014 Addendum K-2017
Amendment on Roof Solar Absorptance (and Emittance) Test Standard
Effective Date November 10, 2017

Revise Table 4.2.2(1) as follows:

Table 4.2.2(1) Specifications for the Energy Rating Reference and Rated Homes

Building Component	Energy Rating Reference Home	Rated Home
Roofs:	Type: composition shingle on wood sheathing Gross area: same as Rated Home Solar absorptance = 0.75 Emittance = 0.90	Same as Rated Home Same as Rated Home Values from Table 4.2.2(4) shall be used to determine solar absorptance except where test data are provided for roof surface in accordance with ASTM Standards C1549, E1918, or CRRC Method #1 <u>ANSI/CRRC S100</u> . Emittance values provided by the roofing manufacturer in accordance with ASTM Standard C1371 <u>ANSI/CRRC S100</u> shall be used when available. In cases where the appropriate data are not known, same as the Reference Home.
Attics:	Type: vented with aperture = 1ft ² per 300 ft ² ceiling area	Same as Rated Home

The remaining sections of Table 4.2.2(1) remain unchanged.

6. Normative References^A.

~~ASTM C1371—04a(2010)e1, “Standard Test Method for Determination of Emittance of Materials Near Room Temperature Using Portable Emissometers.” ASTM International, West Conshohocken, PA.~~

~~ASTM C1549-09, “Standard Test Method for Determining Solar Reflectance Near Ambient Temperature Using a Portable Solar Reflectometer,” ASTM International, West Conshohocken, PA.~~

~~ASTM E1918-06, “Standard Test Method for Measuring Solar Reflectance of Horizontal and Low-Sloped Surfaces in the Field.” ASTM International, West Conshohocken, PA.~~

~~CRRC 1, 2008. “Method #1: Standard Practice for Measuring Solar Reflectance of a Flat, Opaque, and Heterogeneous Surface Using a Portable Solar Reflectometer.” Cool Roof Rating Council, Oakland, CA.~~

ANSI/CRRC S100-2016, “Standard Test Methods for Determining Radiative Properties of Materials”, Cool Roof Rating Council, Oakland, CA. www.coolroofs.org

All other Normative References in Section 6 Remain unchanged.