



# NFRC Technical Bulletin 2011-05

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**DATE:** June 16, 2011  
**SUBJECT:** Further Clarification of Sunset of WINDOW5/THERM5 and Technical Interpretations

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This bulletin is to announce more clarification on the sunset date and final use of WINDOW5 & THERM5 and the publication of new technical interpretations.

If you have any questions concerning the information in this *NFRC Technical Bulletin*, please contact Dennis Anderson at 240-821-9514; email: [danderson@nfr.org](mailto:danderson@nfr.org) or Scott Hanlon at 240-821-9519; email: [shanlon@nfr.org](mailto:shanlon@nfr.org).

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## Item 1: Sunset Date Clarification of WINDOW5/THERM5

This is a follow up bulletin to the one distributed on March 31, 2011 as Technical Bulletin 2011-03 to further clarify confusion on the use of WINDOW5/THERM5 after the sunset date of July 1, 2011.

1. All simulations beginning July 1, 2011 shall be conducted using W6/T6.
  - This includes new certifications, re-certifications, or revisions/addendums to existing certifications requested by the manufacturer.
  - Revisions requested by the Inspection Agency upon review of submitted simulations in W5/T5 may remain in W5/T5 format. However, the submittal of the simulation project to the Inspection Agency shall have been prior to July 1, 2011.
  - W6/T6 is fully backward compatible with W5/T5, so any simulations previously conducted with W5/T5 are fully compatible with W6/T6.
2. Any existing product certifications will be allowed to continue for their normal 4 year duration.
3. Any simulations originally conducted using W5/T5 that are subsequently revised using W6/T6 shall not require revalidation testing unless such revisions would have required revalidation testing if W5/T5 had been used.
4. Any new product certifications or re-certifications based on W6/T6 simulations shall be validated by testing conducted in accordance with NFRC 102-2010.

## Item 2: TI-2011-05 Default Absorptance

TIPC approved TIR-2011-07 as TI-2011-05 on May 31, 2011. This TI explains that U-factor results are not affected by the default absorptance used per NFRC 200. It can be found in the 2010 TI Manual (E0A4), posted on the NFRC website, and may be used immediately. See link to 2010 TI Manual after Item 3.

### **Item 3: TI-2011-06 NFRC 102 Test Conditions**

TIPC approved TIR-2011-08 as TI-2011-06 on May 31, 2011. This TI was needed to clarify the ambient testing conditions when conducting an NFRC 102 thermal test. The test conditions in this TI shall be adhered to and not what is specified in ASTM E1423. It can be found in the 2010 TI Manual (E0A4), posted on the NFRC website, and may be used immediately. See link to 2010 TI Manual below.

Click the link below for the published 2010 TI Manual (E0A4):

[http://nfr.org/documents/NFRC2010TechnicalInterpretationsManual\\_E0A4\\_000.pdf](http://nfr.org/documents/NFRC2010TechnicalInterpretationsManual_E0A4_000.pdf)