



NFRC Technical Bulletin 2010-04

PROCEDURES: Technical Interpretation
DATE: July 23, 2010
SUBJECT: Publication and implementation

This bulletin relates to publication and implementation of the following 2010 Technical Interpretation, and two notifications to the accredited laboratories and Inspection Agencies.

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

Item 1: TI-2010-05, Bi-fold Doors

TIPC approved a technical interpretation request (TIR-2010-08), as a new technical interpretation, published as TI-2010-05. This TI regards the procedure for rating and testing bi-fold doors. This TI will be published into a manual later this year. For now, this technical interpretation will be posted solely to the NFRC website and is to be used immediately upon publication.

[http://www.nfrc.org/documents/TI-2010-05 Bi-fold Doors](http://www.nfrc.org/documents/TI-2010-05%20Bi-fold%20Doors)

Item 2: TIR-2010-07, Curtain & Window Wall Jamb

TIPC did not approve TIR-2010-07 for it referenced a technical interpretation (TI-2003-12) that is not used. The modeling of intermediate jambs in THERM requires the cross-section to have a property assigned as "Vertical Meeting Rail," and the most recent version of the Simulation Manual fully describes this procedure, rendering TI-2003-12 obsolete. The CMA Naming Convention Working Group, facilitated by John Lewis (NFRC), is currently addressing the proper naming of the frame components in CMAST so the end-user (ACEs) can correctly ascertain between a fixed jamb members versus a center-lined vertical intermediate when constructing a curtain or window wall.

Item 3: CMA Single Glazing in THERM6

This item is notice to all accredited simulation laboratories and Inspection Agencies that approval of frame components utilizing single glazing in CMAST are not to be accepted. There is a bug in THERM6 that is not properly calculating the glass boundary film coefficients when single glazing is utilized. This bug is being addressed and once it is corrected, simulation laboratories and Inspection Agencies will be immediately notified. This does not affect the dual glazed CMA glass in THERM6.