



DCA08-DEC-330

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Pg. 1 of 2

October 30, 2008

**Petition for Declaratory Statement before the Florida Building Commission**

**By:** Florida Roofing, Sheet Metal & Air Conditioning Contractors Association, Inc.

**Issue:**

The Petitioner wishes to present a technical bulletin regarding the FRSA/TRI 07320/08-05 Concrete and Clay Roof Tile Installation Manual, addressing metal flashing installation when using direct to deck self adhering underlayments. Pending approval by the Commission, the FRSA intends to distribute the technical bulletin to previous recipients that have purchased the FRSA/TRI 07320/08-05 Concrete and Clay Roof Tile Installation Manual as well as post the bulletin on our website for public access.

**Reason for the Technical Bulletin:**

Many roof tile systems today are installed using a peel & stick membrane, direct-to-the-wood-deck, (without using a traditional anchor/base sheet.) This system would be referred to as a sealed system. The manual's options for addressing installation of eaves drip metal, valley metal, and metal base flashing currently states that this metal is to either be installed over the anchor sheet or over the finished cap sheet. Neither of these current options considers the option of installing this metal on top of a slip sheet when using self adhered underlayment direct to-the-wood-deck. By issuing this technical bulletin, building inspectors will have a reference guideline for this type of application that is not currently available in the FRSA/TRI 07320/08-05 Concrete and Clay Roof Tile Installation Manual which is referenced in the Building Volume 1507.3.8 Application as a reference document.

**Question:** FRSA seeks Commission approval of the attached technical bulletin for reasons described above.

Respectfully submitted,

Brad Weatherholtz  
Director of Technical Services  
FRSA

FILING AND ACKNOWLEDGEMENT  
FILED, on this date, with the designated  
Agency Clerk, receipt of which is hereby  
acknowledged.

  
Miriam Snipes  
Deputy Agency Clerk

11/4/08  
Date

**TECHNICAL BULLETIN**  
**Metal flashing installation**  
**Direct to deck self adhering underlayments**  
**FRSA/TRI 07320/ 08-05 Tile Manual – 4<sup>th</sup> Edition**  
**October 3, 2008**

**Issue:**

Many roof tile systems today are installed using a self adhered membrane, direct-to-the-wood-deck, (without using a traditional anchor/base sheet.) This system would be referred to as an optional sealed underlayment system as referenced in System #1, #2, #3 and #4, of the FRSA/TRI Tile Manual – 4<sup>th</sup> edition. The manual's options on System #4, specifically Option B, for addressing installation of eaves drip metal, valley metal and metal base flashing currently states that this metal is to either be installed over the anchor sheet or over the finished cap sheet. Neither of these current methods considers the option of installing this metal either directly to the wood deck or on top of a slip sheet, when using self adhered underlayment direct to-the-wood-deck.

**Resolution:**

The following changes are to be immediately incorporated into the FRSA/TRI 07320/ 08-05, 4<sup>th</sup> Edition Concrete and Clay Roof Tile Installation Manual:

**Prior to the installation of all metal flashings, unless otherwise specified in current FRSA/ TRI Manual, apply a minimum #30 (separator sheet) to the wood deck under all flashings. Extend separator sheet a minimum 2" beyond all metal edges at the deck flanges of all eaves and gable/rake ends, both flanges of metal at side walls and valleys, excluding apron (head wall) flashing. All metal to receive self adhering underlayment shall be primed.**

**END OF 10/03/08 TECHNICAL BULLETIN**