

Florida Building Commission Application

(BASF-AdvCourse-Tile)

Course and Provider Details:

Course Title: FRSA/TRI Concrete and Clay Roof Tile Installation Manual – Fourth Edition – Hip and Ridge Attachment and Upgraded Fastening Tables

Number of Hours: 1.0 advance hour

Training Provider: FRSA Educational and Research Foundation
4111 Metric Dr., Winter Park, FL 32792
Contact: Barbara Ferencak
Ph: 407-671-3772, ext. 123
barbf@floridarroof.com

FBC Course #:

Short Course Description: This course discusses two major issues in Florida with respect to high wind fastening guidelines: Hip and ridge attachment and the upgraded fastening tables to comply with ASCE 7-02. Several options are described in the industry standards for fastening the support member to the roof deck and attaching the hip and ridge tiles to the support member. Clarification is necessary for both the roofing contractors and the code jurisdictions that enforce the state approved guidelines. Also to be covered: the upgraded fastening charts impact roof tile security in high wind regions, especially on the coast.

Course Pre-requisites: CILB license holder.

Author of Course (if other than provider): Reese Moody and Bob Ferrante

Course Accreditor: Joe Belcher, JDB Code Services
jdbcodeservices@tampabay.rr.com

Target Audience: Roofing contractors, building officials and architects

Previous Course Approval (yes or no): No

Subject/Trade Area: Roofing

Method of Presentation: Lecture with PowerPoint presentation.

Course Syllabus and Timed Outline:

Course Title: FRSA/TRI Concrete and Clay Roof Tile Installation Manual – Fourth Edition – Hip and Ridge Attachment and Upgraded Fastening Tables

Course Description: This course reviews recommendations developed after surveying damages caused by the recent hurricanes as well as input from the code, roofing and tile manufacturers and reviewing the upgraded fastening charts.

Learning Objectives: The attendees will become familiar with industry standards for fastening the support member and attaching the hip and ridge tiles to the support member.

Method of Evaluation: Attendees will be encouraged to ask questions throughout the course and complete a written evaluation of the instructor(s) presentation and the course material. There will also be a comparison with the FRSA/TRI Concrete and Clay Roof Tile Installation Manual – Third Edition.

Attendee Course Material: Each attendee will receive one copy of the PowerPoint presentation.

Reference Documents: FRSA/TRI Concrete and Clay Roof Tile Installation Manual – Fourth Edition. This document is only used as a reference. Only specific sections (mentioned above) will be provided as course material.

Timed Course Outline:

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| 1. Changes and Updates | 10 minutes |
| 2. Hip and Ridge Attachment Section | 40 minutes |
| 2.1 Support member attachment | |
| 2.2 Trim attachment options to support member | |
| 2.3 Starter tile attachment | |
| 2.4 Weather blocking | |
| 2.5 Deficiencies noted after Wilma | |
| 2.6 Hip and Ridge design pressures and resistance values | |
| 3. Fastening Table Changes | 10 minutes |
| 3.1 Comparison with Third Edition | |

Total time: 60 minutes

Application Requirements:

History: In January 1987, the Roof Tile Committee of the FRSA/NTRMA was commissioned to develop and write consensus guidelines for the installation of concrete and clay roof tiles. Recently, the National Tile Roofing Manufacturers Association (NRTMA) changed its name to Tile Roofing Institute. The consensus document process included meetings over a period of eighteen (18) years, made up of roofing contractors, manufacturers, suppliers, academia, roofing consultants, and engineers.

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Date Submitted:

Date Accreditation:

Accreditation Expiration Date:

More Information Requested: