



# TRI Alliance Florida High Wind Manual Certification Pre-work

The following materials should be reviewed before the class begins. Some questions on the test will be related to this pre-work.

## I. Introduction to Tile Roofing Industry Alliance

### Directions

1. Watch a 5 minute Intro to TRI Alliance video: <https://youtu.be/Q9oCK2lwXJM>
2. Watch a 6 minute TRI Florida High Wind Manual Certification Class Opening video: <https://www.youtube.com/watch?v=38oyMhjFXgM&t=8s>

### Review Questions

1. Are producers of synthetic tiles part of the TRI Alliance?
2. Is the TRI Alliance certification a manual certification or installer certification?
3. In Florida does the underlayment serve as a temporary roof covering and back-up system, or is it part of the primary roof covering?

## II. Roof Tile Profiles & Features

### Directions

1. Turn to the Glossary section of the Florida High Wind Manual and review the definitions for High, Medium and Flat/Low Profile tile
2. Watch a 20 minute video "This is a Tile" at: <https://youtu.be/6UJOVuT9ko0>

### Review Questions

1. Does a tile have to be smooth to be considered a "Low Profile Tile"?
2. Is a typical concrete "S" tile a High Profile Tile, or a Medium Profile Tile?



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## III. Roof Layout

**Tools:** Florida High Wind Installation Manual, highlighter, Article: "Swing Tape & Layout Methods Make Tile Layout Easy" (link below), 9 minute Video (link below)

### Directions

1. Turn to pg. 46 of your 6<sup>th</sup> Edition Florida High Wind Concrete and Clay Tile Installation Manual.
2. Read the article on Swing Tape & Layout Methods at <http://www.roofingmagazine.com/swing-tape-layout-methods-make-tile-layout-easy/>
3. Watch the 9 minute video on Roof Layout: <https://www.youtube.com/watch?v=1aDwVe3Nmo8&t=168s>
4. Return to the article and review the 5 Steps at the end of the article.
5. On page 46, read steps 1-9 below Roof Layout drawing FHW-26.

### Suggested Highlights on Page 46

1. Using a full tile determine desired overhang...
2. Snap a horizontal chalk line at the top of the roof...
3. With measuring tape marked at maximum "exposed length" of tile being installed...

### Review Questions

1. What method do you use for layout of your horizontal rows?
2. Can you layout tile with less than the manufacturer minimum standard of 3" headlap?

## IV. Video: Two Component Adhesive Wind Tunnel Test from ICP

<https://www.dropbox.com/s/j128pmqnt64ksp/Polyset%20AH-160%20Vs.%20Screws%20Video.mp4>