



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

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 5 minute video on Roof Tile Profiles: <https://www.youtube.com/watch?v=U0aKvHu77vY&t=9s>

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 6th 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?