

BCAB

Building Code Advisory Board of Palm Beach County

TECHNICAL ADVISORY

Issued on 09-26-2016
by Building Code Advisory Board


Subject: Solar Attachments to Roof Tiles

This technical advisory is established to clarify the Building Code Advisory Board's position on the **Prohibited** attachment of solar panels, solar photovoltaic systems, mats, brackets, or any like systems and components to cement or clay roof tiles on residential and commercial buildings in Palm Beach County.

- 1) In accordance with the Tile Roofing Institute (TRI) Concrete and Clay Roof Tile Installation Manual and the FRSA/TRI Florida High Wind Tile Installation Manual, Revised 5th Edition, 2014, it is prohibited to install or attach solar panels, solar mats, or brackets to concrete and clay tiles.
- 2) Solar Panel Systems will need to be fastened to the roof decks and/or structurally engineered components that will provide proper wind uplift resistance required by the Florida Building Code for the building height and exposure, including the weight of the equipment by a State Licensed Engineer with approved calculations.
- 3) There is no provision in the Florida Building Code for attachment of any system or component directly to the roof tiles using foam, adhesives, screws or bolts.

The Board recommends the strict prohibition of the direct attachment of solar panels, solar mats, brackets, and similar systems and/or components to cement or clay roof tiles unless expressly allowed by product approval.

For Building Code Advisory Board



Gary Kozan, Chair