

M.C.A. SPECIAL TILE FASTENING METHODS

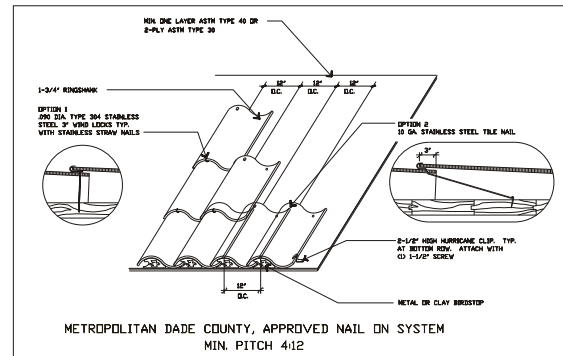
AI/ASSEMBLY, INSTALLATION

Traditionally, fastening methods for clay roofing tile have been the 11 gauge (3mm dia.) non-corrosive nail system, but weather and roof conditions such as high winds, metal or concrete decks require an additional fastening method to ensure tile is securely installed.

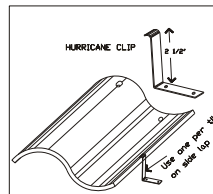
SOUTH FLORIDA BUILDING CODE

Metro-Dade County Florida Acceptance No. 94-0106.27
Up to 120 mph wind application. (minimum pitch 4:12)

M.C.A. tile has been tested in compliance with the South Florida Building Code requirements for clay tile nail-on applications. This application requires 2 1/2" (63.5mm) stainless steel hurricane clips at all eave courses. For field tile applications, use a minimum 1 1/2" (38.1mm) diameter stainless ring shank nail at the pan nail hole and at the crown nail hole, use a wind lock with a 5" x .148" dia. (127mm x 3.76mm dia.) straw nail (Option 1) or use .134" (3.4mm) dia. stainless tile nail at the crown nail hole (Option 2). For more details, please contact M.C.A.'s sales department.



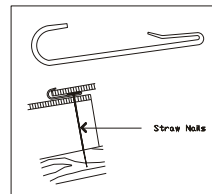
HURRICANE CLIP



The Hurricane Clip is a strap-type locking device for the side edge of several types of roofing tile. It provides maximum holding power when used in conjunction with Wind Locks or the Tile Nail. Use a 2 1/2" (63.5mm) Stainless Steel Hurricane Clip for One Piece 'S' Mission.

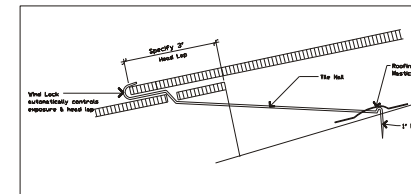
WIND LOCKS

Option 1



Stainless Steel Wind Locks achieve greater holding power and are used in high wind designated areas. Wind Locks are used with stainless steel 5" (127mm) long Straw Nails. This system is also approved by the U.B.C. for all slopes.

Option 2



THE TILE NAIL

The Stainless Steel Tile Nail .134" (3.4mm) diameter is a unique fastener used in the cover portion of 'S' or Two Piece mission tile that incorporates a Wind Lock and a nail in one fastener. The Tile Nail eliminates breakage because the nail is away from the tile. Apply roofing mastic to the membrane at the nail's point of penetration to seal the area. This product is also approved by the U.B.C. to slopes of 24:12 and is particularly suited to mansard applications.

CONTINUED ON NEXT SHOWCASE