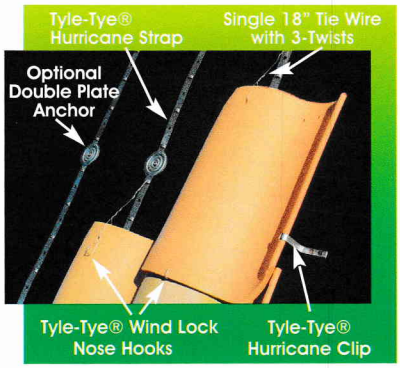
STORM-LOCK tile fasteners

STORM-LOCK Tyle-Tye® Systems

STORM-LOCK Tyle-Tye® Systems include the Hurricane Strap System, the Twisted Wire System and the Riness Tile-Tie® System. With these fastening methods the only puncture of the membrane is at the anchoring points. These anchoring points are sealed in the appropriate roofing mastic. STORM-LOCK Tyle-Tye® Systems are in compliance with IBC and IRC.

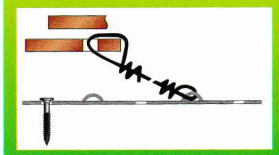
STORM-LOCK Tyle-Tye® Hurricane Strap System



The Tyle-Tye® Hurricane Strap system is used where maximum holding power is required. Each strap is 10 feet long. Once the straps are fastened to the deck, and the fastening points are sealed in approved roofing mastic, each tile is connected to a punch out providing for a speedy installation.

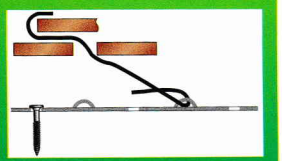
The Tyle-Tye® Hurricane Strap system consists of a 1" wide by 24 gauge strap with punch outs every 4" to connect each piece of roofing tile, and anchor holes every 4" to nail, screw or spike the strap securely to any type of roof deck. Individual tiles are secured to the strap using Tie Wires, Connectors, or Tie Rods. Besides being anchored at the eave and ridge, the straps are anchored at 5 foot intervals as required to avoid overstressing any one anchor point.

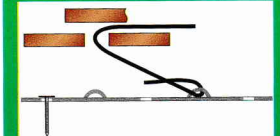
Connection of Tiles into Tyle-Tye® Hurricane Strap/Twisted Wire



Tie Wires
Wrap each tie wire through the tile, diamond or punch out then twist back on itself a minimum of 3 full revolutions.

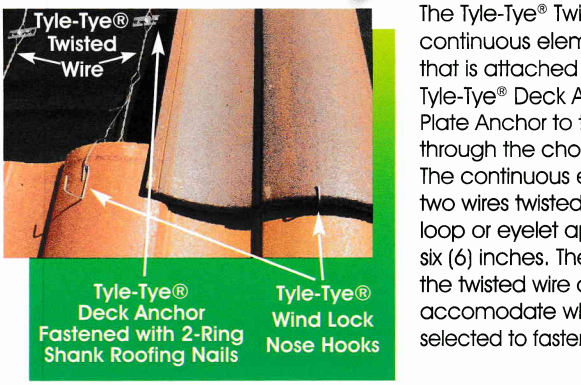
Connectors
Put end through the tile until the nose hook is in place,then with a good pair of Linesmen's pliers push the straight end into the punch out and bend it back on itself one full revolution.



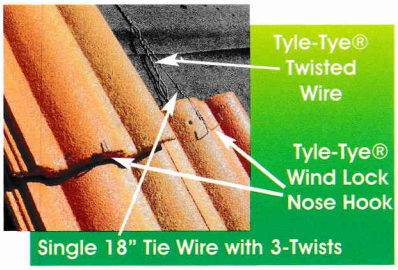


Tie Rod
Put tie rod through the tile and bend it back parallel to the plane of the tile,then put the other end through a punch out,or diamond and bend it back on itself one full revolution.

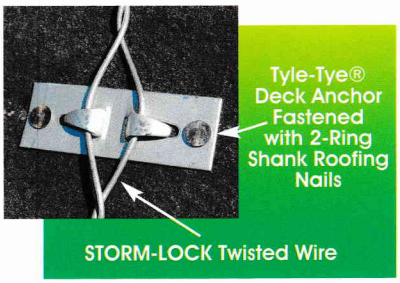
STORM-LOCK Tyle-Tye® Twisted Wire System



The Tyle-Tye® Twisted Wire is a continuous element of twisted wire that is attached by means of a Tyle-Tye® Deck Anchor or Double Plate Anchor to the roof deck through the chosen underlayment. The continuous element consists of two wires twisted together with a loop or eyelet approximately every six (6) inches. The loops or eyelets in the twisted wire are used to accomodate whichever wire is selected to fasten individual roof tiles



A loop in the Tyle-Tye® Twisted Wire is slipped down over the stems of the Tyle-Tye® Deck Anchor, and the two stem elements are then bent apart to engage the Twisted Wire loop to prevent it from slipping off. The Double Plate Anchor system can also be used to fasten the Tyle-Tye® Twisted Wire to the roof deck.



Individual roof tiles are tied into the loops of the Tyle-Tye® Twisted Wire by means of a Tie Wire or Tie Rod of similar metal. Besides being anchored at eave and ridge the Tyle-Tie® Twisted Wire system is anchored at 5 foot intervals as required to avoid overstressing any one anchor point.

For further information refer to the Tyle-Tye® Twisted Wire Specifications.