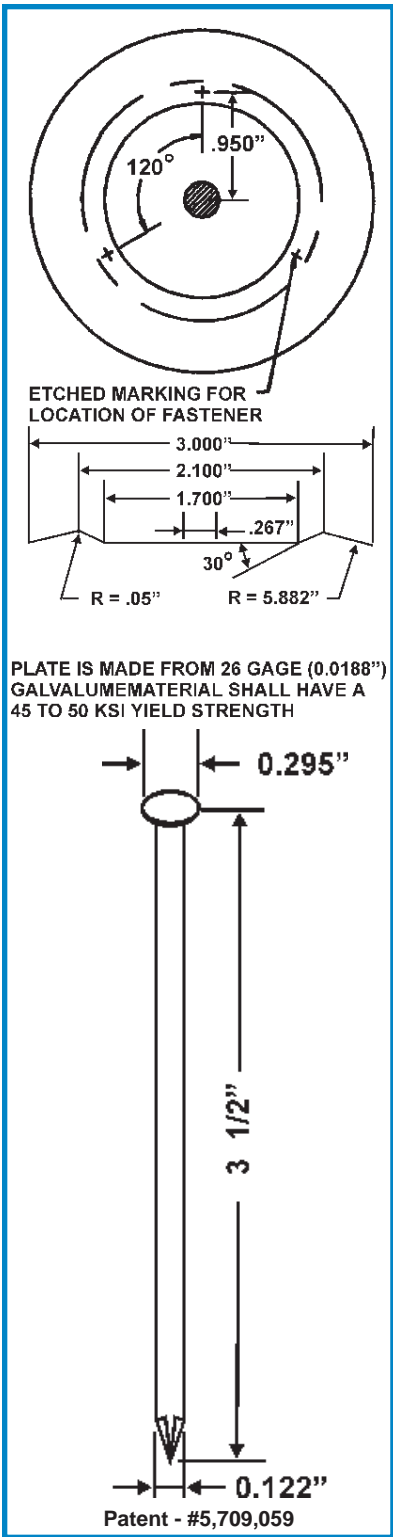




TRI-FIXX[®] FASTENING SYSTEM

DESCRIPTION & APPLICATION



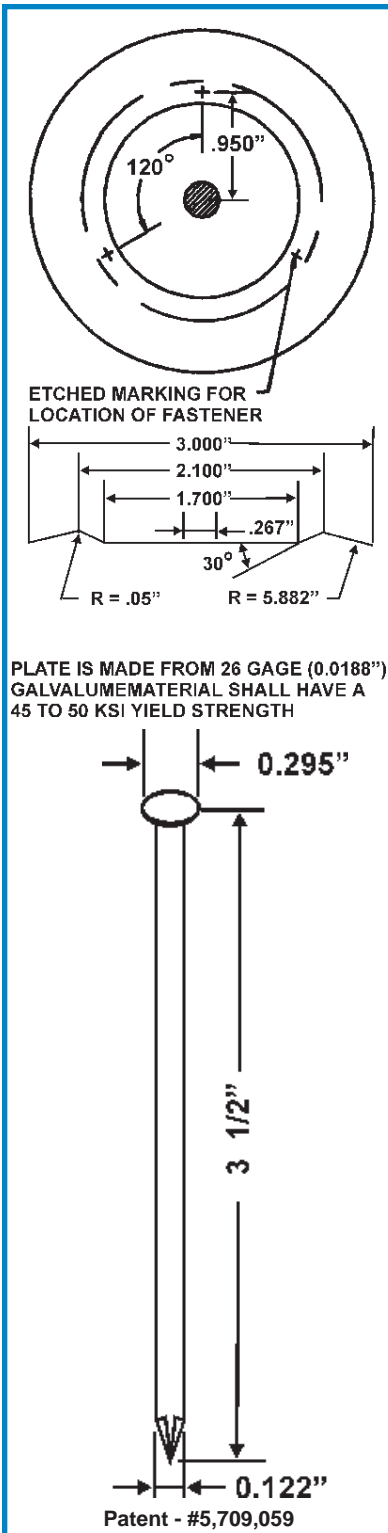
In the field of the roof, the Soprafix membrane is fastened in the five (5) inch (127 mm) wide side lap using the Soprema Tri-fixx[®] Fastening System (one Tri-fixx[®] unit includes a special plate and three proprietary nails). For elevated wind uplift pressure conditions, additional rows of fasteners may be needed. Next the side laps and Sopralene Flam 180 cover strips are heat welded or hot air welded watertight.

Correct placement of the Tri-fixx[®] Fastening System is important in order for the Soprafix membrane to be effective. It is the installer's responsibility to know the Soprafix membrane being installed, which Tri-fixx[®] fastening components are required, where and how often these parts are placed within the System. Unless otherwise noted in the Tri-fixx[®] Approved Details, the installer must center the required Tri-fixx[®] Seam Plate down the longitudinal middle of the mechanically fastened side lap seam of the Soprafix membrane. Next, the Tri-fixx[®] nails are installed through the plate and into the approved deck according to the applicable Fastening Pattern(s).

The Soprafix membrane seam areas are sealed watertight by means of heat or hot air welding Application Methods. When either heat or hot air welding is used, a weighted roller is applied to the seam area to insure watertight integrity. End laps and "T" Joints are sealed using either heat welding or hot air welding techniques.

On-site withdrawal testing should always be performed to evaluate the ability of the roofing substrate to satisfactorily accept and retain fasteners. Florida Building Code Testing Application Standard (TAS) No. 105-98 (or the most current), Test Procedure For Field Withdrawal Resistance Testing is recommended and may be required by local building code in certain states. The fastener withdrawal values should be recorded in compliance with TAS 105 Appendix A., The Field Withdrawal Resistance Test Results Report. Such test results may alter fastener selection and modify applicable fastening patterns.

See published Specifications and Approved Details.



COMPOSITION

	TRI-FIXX®		
Material	C1022 Carbon Steel		
Shank Diameter	0.15		
Head Diameter	0.313		
Shear Value	405 lbs.		
Point Type	Diamond Point (42 degrees)		
Coating	<ul style="list-style-type: none"> • Double Hot Dipped galvanized (exceeds ASTM A 153) • Kestemich, 30 cycles—Less than 15% red rust • Exceeds FM 4470 		
Withdrawal	200 lbs	New lightweight insulating concrete	
Resistance	150 lbs	Existing	Cellular
Minimum	125 lbs	Existing	Aggregate

PACKAGING

Part No.	LENGTH	PIECES/BOX	WEIGHT/BOX
F950	3.5"	500 Units*	50 lbs

* one unit equals one 3" plate and three nails

APPROVALS

See Underwriters Laboratories Inc. File #R11436, FM Approvals, ICC/ES, Miami-Dade County or Florida Building Code Product Approval Listings for current Approved Roof Assembly combinations. Soprema is ISO-9001:2000.

WARRANTY

Contact your local SOPREMA representative for project warranty offerings.

Soprafix membrane secured using the TRI-FIXX Fastening System may require increased fastener densities for Wind Warranty Riders or when elevated roof velocity pressures are encountered on specific projects.