

Technical Bulletin #2019-M-03

TO: All POLYGLASS Polystick Users
CC: POLYGLASS Sales & Technical Services
RE: **Guidelines for Backnailing Requirements for Polystick Membranes in Florida**

Polyglass recommends backnailing of all Polystick membranes on sloped roofs of 1.5 inches (1.5”) per foot and greater. Backnailing methods and frequency can vary depending on roof slope, roof deck, method of installation, and Code requirements by region.

In all regions, fasteners must be corrosion-resistant and comply with ASTM G85 or other applicable Code or product approval requirements. Fasteners should be applied through tin caps with a minimum diameter of 1 5/8 inches (41 mm) and a maximum diameter of 2 inches (51 mm), made of at least 32-gauge (0.010 inches) sheet metal. "Cap nails" or prefabricated fasteners with integral metal heads are acceptable substitutes. Plastic cap nails or staples are prohibited. In Florida, the Code mandates the use of 1 5/8” tin discs with 11-gauge ring shank nails or the Simplex Mega Cap Nail. Refer to the applicable Code and Product Approvals for the most up-to-date requirements.

All Polystick products, except for Polystick TU Plus, should be backnailed in selvage edge seam as per this Technical Bulletin. Polystick TU Plus should be back nailed in the designated area marked “nail area, area para clavar” with the above-stated nails and/or disks. The head lap membrane is to cover the area backnailed. For applications where the membrane is installed in shingle fashion, fasteners shall be placed into the 3” factory side laps. For Applications where the membrane is installed in strapping fashion, fasteners may be installed in the 6” non-factory end laps.

Slope	½” up to 1.5”	>1.5” up to 3”	>3” up to 6”	>6”
All Polystick Underlayments	Not Required See Footnote [1] & [2]	Required See Footnotes [1] & [2]	Required See Footnotes [1]	Required See Footnotes [1] & [3]

Footnotes:

- [1] Membranes may be installed machine direction parallel (strapping-fashion) with slope of roof.
- [2] Membranes may be installed machine direction perpendicular (shingle fashion) with slope of roof.
- [3] On slopes of 6/12 or greater, Polyglass recommends installing membranes in the machine direction (strapping fashion) parallel to the roof slope. Battens may also be required.

For more detailed application or warranty inquiries, please contact the Polyglass Technical Services Department at 866-794-9659 or via email at Technical@Polyglass.com.

