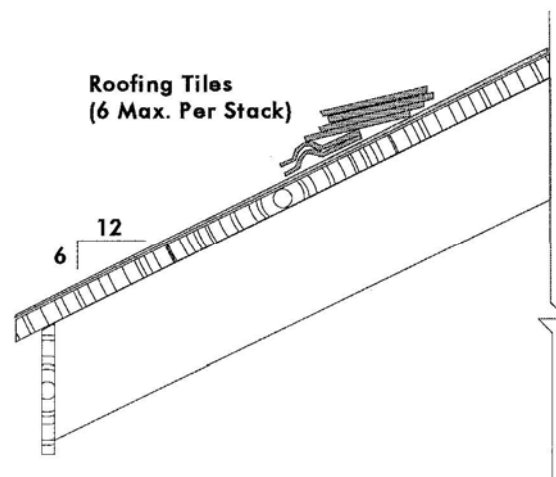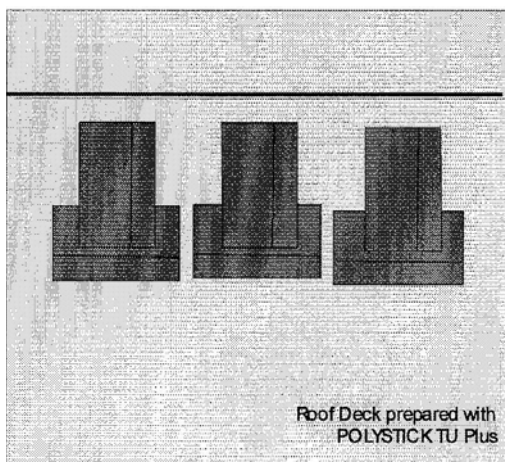**Polyglass Application Guidelines for Underlayments:**

Notes:

➢ These application guidelines were prepared by Robert Nieminen, PE-59166 in consultation with Polyglass USA, Inc. for use with Florida Product Approval File No. FL5259-R3.

➢ All Polyglass documents referenced herein are available at www2.polyglass.com or by calling the Polyglass Technical Services Department at (800) 894-4563.

1. Use these Application Guidelines in conjunction with the Limits of Use associated with FL5259-R3.

2. Polyglass accepts the direct application of Polystick underlayment membranes to wood decks where permitted by Code (non-HVHZ). Installers are cautioned to refer to applicable local building codes prior to direct deck installation to ensure this is acceptable. Refer to applicable Product Data Sheets of the corresponding products.

3. All Polystick materials, with the exception of Polystick TU Plus, should be back-nailed in selvage edge seam as per Polyglass Back Nailing Guide published at www2.polyglass. Nails shall be corrosion resistant, 11 gauge ring-shank type with a minimum 1-inch diameter metal disk or Simplex-type nail, at a minimum rate of 12" o.c. Polystick TU Plus should be back-nailed using the above noted fasteners and spacing, in area marked "nail area, area para clavar" on the face of membrane. The head lap membrane is to cover the area being back-nailed.

4. All seal lap seams (selvage laps) must be firmly rolled with a hand roller to ensure full contact.

5. All over-fabric and over-granule end-laps shall have a 6-inch wide, uniform layer of Polyglass Polyplus 55 Premium Modified Flashing Cement, Polyglass Polyplus 50 Premium MB Flashing Cement, Polyglass PG500 MB Flashing Cement, Mule-Hide 241 Premium Modified Flashing Cement, Mule-Hide 251 Premium Wet/Dry Electrometric Flashing Cement, or Mule-Hide 421 Mod Bit Flashing Adhesive Trowel Grade mastic, applied in between the application of the lap.

6. A maximum of 6 tiles per stack are allowed when loading tile directly onto the underlayments. Refer to the Polyglass Tile Loading Guidelines.

Roof Deck prepared with POLYSTICK TU Plus

Roofing Tiles (6 Max. Per Stack)

7. Battens and/or Counter-battens, as required by the tile manufacturer and FRSA/TRI 07320/8-05 must be used on all roof slopes of 7:12 or greater. For roof slopes in excess of $6\frac{1}{4}$:12, precautions should be taken, such as the use of battens to prevent tile sliding during the loading process.

8. Note: Polyglass does not allow for flat profile tile directly atop its Polystick underlayments.

9. Minimum cure time after membrane installation and before loading of roofing tiles is forty-eight (48) hours.

10. Polystick TU Plus may not be used in any exposed application such as crickets, exposed valleys, or exposed roof to wall details.

11. Repair of Polystick membranes is to be accomplished by applying Polyglass Polyplus 55 Premium Modified Flashing Cement, Polyglass Polyplus 50 Premium MB Flashing Cement, Polyglass PG500 MB Flashing Cement, Mule-Hide 241 Premium Modified Flashing Cement, Mule-Hide 251 Premium Wet/Dry Elastomeric Flashing Cement, or Mule-Hide 421 Mod Bit Flashing Adhesive Trowel Grade mastic to the area in need of repair, followed by a minimum 6 x 6 inch patch of the Polystick material of like kind, set and hand rolled in place over the repair area. Patch laps, if needed, shall be installed in a water shedding manner.

12. All Polystick membranes shall be installed to ensure full contact with approved substrates. Polyglass requires a minimum of 40-lb weighted-roller or, on steep slopes, use of a stiff broom with approximately 40-lbs of load applied for the field membrane. Hand rollers are acceptable for rolling of patches, laps or small areas of the roof that are not accessible to a large roller or broom..

13. All substrates should be dry, clean and properly prepared prior to application. An approved substrate technical bulletin can be furnished upon request. See Section 4.5 of Evaluation Report.

14. Polyglass offers a 10 year Limited Material Warranty on all properly installed Polystick self-adhered underlayments. Warranty must be requested and registered by Polyglass to be in force.

15. Polyglass recommends that applicators follow good roofing practices and applicable procedures as outlined by the National Roofing contractors Association (NRCA).