

Technical Bulletin #2013-03

To: All POLYGLASS Users
CC: POLYGLASS Sales & Technical Services
Re: **Guidelines for Closed Valley Tile Applications**

In response to questions regarding closed valley tile applications within the State of Florida, Polyglass provides the following clarification regarding the exposure of underlayment membranes and the selection of appropriate products in areas where UV exposure is possible.

Polyglass manufactures a range of Polystick self-adhered underlayments with various surfacing types, including fabric, film, and mineral surfaces. Each product carries a specific UV exposure limitation, which varies by product and is outlined in its respective Technical Data Sheet. It is important to review and follow these exposure guidelines when selecting a product for tile roof applications.

In closed valley tile installations, there is the potential for portions of the underlayment to remain exposed to sunlight due to tile profile, spacing, or design features. In some cases, this exposure may be temporary; however, certain roof designs may result in consistent or long-term UV exposure.

Where long-term or continuous UV exposure is expected, such as in valleys, rake edges, or other detail conditions not fully covered by tile, Polyglass recommends the use of a membrane specifically manufactured with a mineral surface and rated for unlimited UV exposure. Examples include Polyflex SA P, Elastoflex S6 G, or other Polyglass membranes designed for direct exposure. In some cases, a Polyglass elastomeric roof coating may also be used as a protective layer, depending on the type and condition of the underlayment surface. Any coating application must be installed in accordance with Polyglass recommendations and only where coating is an approved and compatible solution.

As an alternative, materials such as mortar—when used in accordance with local code and tile manufacturer guidelines—may also be used to shield the underlayment from UV exposure in closed valley conditions.

Installers and designers should ensure that the selected membrane or protective method aligns with the expected exposure conditions, complies with local jurisdictional requirements, and follows Polyglass installation guidelines.

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.



Rev 013025