

## Technical Bulletin #2013-04

To: All POLYGLASS Users

CC: POLYGLASS Sales & Technical Services

Re: **Guidelines for Floor Tile and Other Overburdens to Polyglass Membrane Systems**

In our continued effort to support our customers, Polyglass offers the following guidelines when installing of exterior floor tile and other overburdens over Polyglass low-slope roofing and waterproofing membrane systems. These coverings are sometimes used for aesthetic or functional purposes; however, they require special consideration to ensure material compatibility and maintain long-term system performance.

### **Guidelines**

Before installation, always confirm compliance with local building codes and wind-uplift requirements, as these may vary by region, especially in areas subject to high winds.

Proper drainage between the roof membrane and the overburden is essential, particularly when using pavers or concrete slabs. Polyglass recommends installing a protection and drainage mat over the membrane to allow water to move freely toward drains and outlets and to prevent moisture from becoming trapped beneath the overburden.

When installing exterior floor tile, use a thin-set mortar rather than alternative adhesives that could adversely affect the membrane or accessory materials.

For continuous overburdens such as concrete topping slabs, a bond-breaking separation layer (for example, polyethylene film) must be used to prevent direct bonding to the membrane. This separation reduces stress and moisture transfer that could compromise the roofing or waterproofing system.

For non-continuous overburdens such as extruded concrete pavers, use an appropriate protective separator layer (e.g., protection mat or slip sheet) to minimize the risk of abrasion, indentation, or chemical interaction with the roof membrane.

Proper drainage must be maintained between the overburden and the membrane surface. When using pavers, tiles, or concrete slabs, best practice is to include a drainage or protection mat to facilitate water flow to the designated roof drains or scuppers, preventing trapped moisture and ensuring proper roof performance.

### **Warranty Considerations**

The Polyglass Limited Roofing Material Warranty applies to properly installed Polyglass membrane products used in these applications; however, it does not cover the removal or replacement of overburden materials needed for inspection or repair unless specifically stated in the warranty.

Additionally, Polyglass is not responsible for any damage to the roofing system or its components caused by the overburden or any of its materials, including damage resulting from improper design, installation, loading, or maintenance of the overburden.

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](mailto:Technical@Polyglass.com).



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