

Technical Bulletin #2011-04

To: All POLYGLASS Users

CC: POLYGLASS Sales & Technical Services

Re: **Guidelines for Application of Self-Adhered Membranes to Oriented Strand Board (OSB) Substrates**

In our continued effort to support quality installation practices, Polyglass provides the following guidelines for the application of Self Adhered (SA) membranes directly to oriented strand board (OSB) roof deck substrates.

Polyglass recognizes that OSB is commonly used in various regions and may serve as an acceptable substrate for direct to deck adhesion of Polyglass SA membranes. When using OSB, ensure that the panels are exterior grade, structurally rated, and suitable for the specific construction conditions. Installers should be aware that adhesion to OSB may be less reliable than to veneer plywood sheathing.

While a primer is not required, Polyglass recommends conducting on-site adhesion testing to confirm sufficient bond between the membrane and the OSB surface. If testing indicates insufficient adhesion, one of the following primers should be used:

- **Polyglass WB 3000** – Water based acrylic primer
- **PG 100** – ASTM D 41 asphalt primer
- **Polyglass Polytack CA** – High tack contact adhesive

When using WB 3000 or PG 100, allow the primer to dry fully to the touch before applying the membrane. For PolyTack, allow the adhesive to dry until it is tacky but does not transfer when touched. If a primed surface is exposed for more than 24 hours prior to membrane application, the area should be reprimed to ensure proper adhesion.

Failure to perform adhesion testing or to follow these recommendations may affect the long-term performance of the roofing system and may impact warranty coverage.

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



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