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## Acceptable Self-Adhering Surfaces

Date: April 03, 2009 (Revised)  
To: Sales and Technical Departments  
Fr: Rand McReynolds  
Re: Acceptable Self-Adhering Surfaces

**The following are Polyglass guidelines for the uses of Polyglass “ADESO” Self-Adhered membranes, to include The Polystick Family of products. Please consult your Polyglass Technical Representative when concerns arise.**

### **Acceptable substrates for self-adhered applications:**

- Polyisocyanurate
- Asphalt impregnated, Six-sided Woodfiber Board
- Primed Structural Concrete
- Primed, Metal or Metallic surfaces (Aluminum coating)
- NEW Plywood Decking (Non-Treated) or Primed Existing Plywood (Non-Treated). Joints must be taped on low slope (unsupported) deck applications. (When in doubt, prime) \*
- DensDeck Prime <MUST STILL BE FIELD PRIMED >
- DensDeck DuraGuard
- USG Securock
- Hal's Asphalt Recovery Board

- ZIP System Roof Sheathing
- Polyglass Elastobase Poly/Sand – Base sheet, mechanically attached, heat welded or set in hot asphalt.
- Polyglass Elastoflex SA V Base – Base sheet, self adhered
- EPS – Refer to UL Approvals for UL Classified Applications. (*2" and 2 lb density or greater*). *Please note: When applying to EPS in severe warm weather (90 degrees plus), Polyglass REQUIRES same day application of the Adeso components. (Same day application of Elastoflex SA V and Elastoflex SA P or Polyflex SA P).*
- ASTM D-226 30# Felts, if properly attached. Typical pattern – 9" oc in seams, 2-rows staggered in field at 12" oc. Consult Technical Support for varying substrates.

**Non-acceptable substrates:**

- Perlite
- Foil faced ISO
- Fan-fold – EPS boards
- Duraboard (contact Technical Support regarding recover boards)
- Non-coated woodfiber board
- DensDeck RoofBoard (un-primed)
- Sand or aggregate surfaced base sheets (i.e. ASTM D 4601 G2 Base or ASTM D 2178 Glass Fiber Ply)
- Extruded Polystyrene
- 15# felts
- Lightweight Insulating Concrete (nailable)
- Treated Plywood decking material

**NOTE:**

For Plank and Tongue & Groove installations, an approved mechanically attached base sheet is required.

Asphalt primer must be Polyglass PG 100 ASTM D-41 Asphalt Primer, or approved equal ASTM D-41 Asphalt Primer.

Water Based Acrylic Primer can be used for many priming circumstances and is preferred on vertical priming conditions. Polyglass WB3000.

Adhesive & Sealants must be Polyglass POLYPLUS 50 (SBS Asphalt Adhesive/Sealant) or approved equal SBS Premium Modified Trowel Grade Asphalt Adhesive.

All surfaces to which self-adhesive membrane are to be applied to must be clean, dry and free of dust or other debris.