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WATERPROOFING MATERIALS AND INSULATING SYSTEMS

Adds value!

Technical Bulletin

2004-04-06

To: POLYGLASS Distribution, Customers & Applicators
CC: POLYGLASS Sales & Service
From: POLYGLASS Technical & Warranty Department
Date: 6/4/2004
Re: Revisions to Approved Substrate Bulletin – **Effective Immediately**

The following pages are the revised POLYGLASS guidelines for the uses of POLYGLASS Adeso membranes (Elastoflex SA, Polyflex SA, Xtraflex SA, Polykool SA) and Polystick product lines.

Please note, some items within this list are to be used as recommendation and are not necessarily intended to suggest that direct adhesion to such approved substrates qualifies for certain Wind Uplift characteristics or design requirements. Please consult a systems designer or any regulating building code(s) for such, as POLYGLASS is a manufacturer of Roofing and Waterproofing membranes and thus does not claim to be a system designer, nor assume such liabilities related with improper designs.

Please remember to consult your POLYGLASS Technical Representative when concerns arise @ 800.222.9782 or 800.894.4563.

Acceptable substrates for self-adhered applications:

- POLYGLASS Polytherm or typical Polyisocyanurate with Felt Facers
- Asphalt Impregnated, Six-Sided Woodfiber Board (This is only type Accepted, Must Be Field Primed)
- Primed Concrete (Must be cured min. 30 days)
- Primed Metal or Metallic surfacing
- NEW Plywood Decking, or Primed Existing Plywood. Joints must be taped with 3" Duct Tape. (When in doubt, prime)
- Factory Primed DensDeck, needs to be field primed with ASTM D41 asphalt primer
- New DensDeck DuraGuard
- Expanded Polystyrene (EPS), Minimum 2" & 2# Density, supplied by Premier Industries & A.F.M. only (refer to current UL System Approvals for Fire Rated Systems)

Note:

When applying to **EPS** in severe warm weather climates (90 degrees plus), Polyglass requires same day completion of the Adeso components, (Same day application of Elastoflex SA V and Elastoflex SA P or Polyflex SA P)

- POLYGLASS Elastobase Poly/Sand – Base sheet, Mechanically Attached, Set in Hot Asphalt; Elastobase P/S applications determined by various suitable substrates
- POLYGLASS Elastoflex SA V base – Base sheet, self adhered.
- POLYGLASS PolyProtector™ UDL

Non-Acceptable substrates:

- Perlite
- Foil Faced ISO
- Fan Fold EPS Boards
- Extruded EPS Boards
- Duraboard – (Contact Technical Service for Re-Cover Boards)
- Non-Coated Wood Fiber Board or Two (2) sided Wood Fiber Board
- 15# Felt
- DensDeck (Un-Primed)
- LWC (Structural and/or Insulating)
- Treated Plywood decking material***
- Treated wood cant strip***
- No Sand Surfaced Base sheets (i.e. – Type G2 or Type VI or IV Felts)

NOTE:

*Asphalt primer must be POLYGLASS 100A ASTM D-41 Asphalt Primer, or an approved equal, ASTM D-41 Asphalt Primer.

**Adhesive & Sealants must be POLYGLASS 2000MB+ (SBS Asphalt Adhesive/Sealant) or approved equal, premium SBS Modified Asphalt Adhesive/Sealant.

***When applying to a non-acceptable substrate, POLYGLASS requires the application of a smooth surfaced base sheet. The POLYGLASS SA (Self Adhering) membranes can then be applied to the smooth surface base sheets. Please refer to specific building codes for varying base sheet attachment patterns when mechanically attaching.

Accepted Smooth Surface Base Sheets for Mechanical Attachment:

- POLYGLASS Elastobase (Poly/Sand)
- POLYGLASS PolyProtector™ UDL
- ASTM 2626, 30# Felt (Specific Attachments Required, Only Type ASTM 2626 Accepted)