

## TECHNICAL BULLETIN

POLYGLASS USA Inc.  
Corporate Office  
1111 West Newport Center Drive  
Deerfield Beach, Florida 33442  
Tel. (954) 233-1330 - Fax: (954) 418-4453  
Email: [technical@polyglass.com](mailto:technical@polyglass.com)  
Website: [www.polyglass.com](http://www.polyglass.com)

### Technical Bulletin #2003-02 (Revised 2011)

TO: All POLYGLASS Users

CC: POLYGLASS Sales & Technical Services

Date: January 30, 2011

Author: Steven C. Wadding RRC,RRO,CDT  
Technical Services Manager

RE: Cold Temperature Conditions and Consideration for POLYGLASS Self-Adhesive Membranes

POLYGLASS offers the following recommendations as a guideline when handling and installing POLYGLASS Self-Adhesive roof membranes.

#### **Self-Adhesive Membranes (Polyflex, Elastoflex & Polystick)**

Membranes of self-adhesive nature require minimum temperatures of 40F and rising to achieve acceptable results. Membrane, substrate and ambient air temperatures should be a minimum of 40F and rising.

Use during temperatures less than 50F it is best practice to store materials in a warmer or even climate controlled environment prior to installation. Failing to follow this recommendation could result in handling or installation inconveniences or problems.

To ensure bonding of membrane and substrate surfaces, substrate to be properly prepared and primed as required by project circumstances. Installed membrane materials to be rolled with a minimum 80 lb roller to ensure contact and bonding between surfaces prior to achieving finished bond strength. Membrane handling and temperature, as well as substrate temperatures, can have significant impact on time required to obtain desired bond strength.

Special circumstances and questions should be addressed to POLYGLASS Technical Service Department.

01/30/2011  
SCW