

## APPLICATION INSTRUCTIONS

### 1. Purpose

- 1.1 The purpose of this document is to establish typical guidelines for T3 solution installation of ExoAir® Duo Membrane. The techniques involved may require modifications to adjust to jobsite conditions. Consult your local Tremco Sales Representative or Tremco Technical Services for specific design requirements.

### 2. Scope

- 2.1 This document will provide the necessary instructions for installation of ExoAir Duo Membrane to qualify for a manufacturer's warranty.

### 3. Substrate Preparation

- 3.1 Substrates should be clean, dry and sound to allow for proper adhesion of ExoAir Duo Membrane. With a clean cloth, remove all grease and debris from the window frame to allow for proper adhesion.

### 4. Compatible Materials

- 4.1 Recommended materials for use with ExoAir Duo Membrane are as follows: Spectrem 1 Silicone Sealant Dymonic 100 Polyurethane Sealant

### 5. Application Procedure

- 5.1 Determine the lineal feet of Duo Membrane that will be needed to wrap the entire window by measuring the perimeter of the window and adding 12" (305 mm)
- 5.2 Cut the predetermined amount of Duo Membrane off of the roll.
- 5.3 Determine the location and direction in which the Duo Membrane needs to be applied to the window to allow termination to the rough opening/wall interface
- 5.4 Begin applying the Duo Membrane in the location determined in Step 5.3 on the side of the window and working towards the bottom of the window. The Duo Membrane is attached by removing the release paper and attaching the self-adhesive directly to the window frame.
- 5.5 Prior to turning the corner at the bottom of the window, make a 1" (25 mm) pig's ear fold in the material by attaching the self-adhesive to itself.
- 5.6 Following the same plane, continue installing the Duo Membrane on the sill location of the window.
- 5.7 Prior to turning the corner at the vertical of the window, make a 1" (25 mm) pig's ear fold in the material by attaching the self-adhesive to itself.

- 5.8 Following the same plane, continue installing the Duo Membrane on the vertical portion of the window.
- 5.9 Prior to turning the corner at the head of the window, make a 1" (25 mm) pig's ear fold in the material by attaching the self-adhesive to itself.
- 5.10 Following the same plane, continue installing the Duo Membrane on the head of the window.
- 5.11 Prior to turning the corner at the horizontal of the window, make a 1" (25 mm) pig's ear fold in the material by attaching the self-adhesive to itself.
- 5.12 Finish the Duo Membrane installation by continuing the material down the vertical portion of the window, overlapping the Duo Membrane back onto itself a minimum of 4" (100 mm), creating a shingling effect.
- 5.13 Roll the Duo Membrane with a roller to promote adhesion to the window.

### 6. Window Installation

- 6.1 Install the window in accordance with the window manufacturer's installation instructions.
- 6.2 After the window is installed, the Duo Membrane may be attached to the rough opening/wall interface.
- 6.2a. If using Duo Membrane with self-adhesive on one side, use a Tremco approved sealant to attach the membrane to the rough opening/wall interface.
- 6.2b. If using Duo Membrane with mesh, attach the mesh to the wall intermittently with staples prior to applying a coating to prevent the material from moving
- 6.2c. If using Duo Membrane with butyl strip, remove release paper and adhere butyl strip to rough opening/wall interface. Roll the strip with a roller to promote adhesion.
- 6.3 At the overlapping condition apply a healthy amount of sealant into the cavity formed by the adjoining of the membrane.

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Please refer to our website at [www.tremcosealants.com](http://www.tremcosealants.com) for the most up-to-date Product Data Sheets.



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