

## **SECTION 07 27 00 - AIR BARRIERS**

### **PART 1 - GENERAL**

#### **1.1 SYSTEM REQUIREMENTS**

- A. Design Requirements:
  - 1. Design building envelope to provide a continuous, uninterrupted air barrier.
  - 2. The air barrier may also serve the function of the weather-resistive barrier.
  - 3. Provide WUFI moisture analysis to determine if the air barrier should be vapor-permeable or vapor-impermeable.
  - 4. Where air barrier material is applied to the exterior sheathing, the air barrier material may be either fluid-applied or self-adhering sheet.

### **PART 2 - PRODUCTS**

#### **2.1 SELF-ADHERING, VAPOR RETARDING SHEET AIR BARRIER**

- A. Products: Subject to compliance with requirements, provide one of the following:
  - 1. Grace, W.R. & Co.; Perm-A-Barrier Wall Membrane.
  - 2. Henry Company; Blueskin SA.
  - 3. Tremco Incorporated, an RPM company; ExoAir 110.

#### **2.2 SELF-ADHERING, VAPOR PERMEABLE SHEET AIR BARRIER**

- A. Products: Subject to compliance with requirements, provide one of the following:
  - 1. Grace, W.R. & Co.; Perm-A-Barrier Wall VPS.
  - 2. Henry Company; Blueskin VP 160.
  - 3. VaproShield; WrapShield SA.

#### **2.3 FLUID-APPLIED, VAPOR RETARDING MEMBRANE AIR BARRIER**

- A. Products: Subject to compliance with requirements, provide one of the following:
  - 1. Henry Company; Air-Bloc 06.
  - 2. Meadows, W.R. Inc.; Air-Shield LM.
  - 3. Tremco Incorporated, an RPM company; ExoAir 120SP/R.

#### **2.4 FLUID-APPLIED, VAPOR PERMEABLE MEMBRANE AIR BARRIER**

- A. Products: Subject to compliance with requirements, provide one of the following:
  - 1. Grace, W.R. & Co.; Perm-A-Barrier Wall VP.
  - 2. Henry Company; Air-Bloc 31.
  - 3. Tremco Incorporated, an RPM company; ExoAir 230.

### **PART 3 - EXECUTION**

#### **3.1 INSTALLATION**

- A. Install air barrier and all transition strips, flashings, sealants and other accessories necessary to provide a continuous air barrier.

**END OF SECTION 07 27 00**