

FIBERWEB  
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## **SECTION 076526**

### **SELF ADHERING SHEET FLASHING**

This guide specification can be used to specify **AQUA WRAP WITH DUPONT'S ELVALOY**, a self adhering waterproofing membrane engineered to provide moisture protection in masonry cavity wall and frame construction. This product specification can be inserted in SECTION 04800- MASONRY ASSEMBLIES. This guide may be used either in conjunction with other guides or separately for SECTION 71300- SHEET WATERPROOFING , SECTION 076500 - FLEXIBLE FLASHINGS or (04090.4- SELF- ADHERING CAVITY WALL MEMBRANE).

#### **PART 1 – GENERAL**

##### **1.1 SUMMARY**

- A. Section includes: Self adhering waterproofing membrane and primer to provide moisture protection in masonry cavity wall construction and frame construction.

##### **1.2 REFERENCES**

- A. ASTM E154 & ASTM D-471 – Water Vapor Retarders Used In Contact With Earth Under Concrete Slabs, Or Walls, Or As Ground Cover
- B. ASTM D412 - Test Methods For Vulcanized Rubber And Thermoplastic Rubbers and Thermoplastic Elastomers – Tension
- C. ASTM D903 – Peel Or Stripping Strength of Adhesive Bonds

##### **1.3 SUBMITTALS**

- A. Provide in accordance with Section 01330- Submittal Procedures
  - 1. Product Data and Installation Instructions
  - 2. (MSDS) Material Safety Data Sheets
  - 3. 2 inch by 2 inch minimum membrane sample

##### **1.4 PRODUCT HANDLING**

- A. Storage - Protect product from inclement weather or excessive heat
- B. Temperature not to exceed 180 degrees Fahrenheit or go below 25 degrees Fahrenheit
- C. Avoid prolonged sunlight exposure

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## **PARTS 2 – PRODUCTS**

### **2.1 ACCEPTABLE MANUFACTURERS**

- A.** CLARK/HAMMERBEAM Corp., PO Box 381, Dedham, MA 02027; Tel/781-461-1946;  
[www.fiberwebflashing.com](http://www.fiberwebflashing.com)
- B.** Manufacturers of equivalent products submitted and approved in accordance with Section 01630-  
Product Substitution Procedures

### **2.2 PRODUCTS**

- A.** A self-adhering waterproofing membrane with a siliconized release liner; AQUA WRAP/"Elvaloy" as manufactured by FIBERWEB- CLARK/HAMMERBEAM Corp.
  - 1. Composition: rubberized solvent free clear butyl adhesive bonded to DuPont's "Elvaloy" compounded film
  - 2. Total thickness: 40 mils
    - Note: AQUA WRAP/"Elvaloy" is manufactured in 12, 16, 18, 24, 36 inch widths**
  - 3. Width; 12, 16, 18, 24, 36 inches (select appropriate width)
  - 4. Accelerated weathering: Xenon arc 5000 hrs - no cracks or crazing
  - 5. Peel Adhesion - Wet: 5 pounds per in minimum tested in accordance with ASTM D903
  - 6. Elongation: 125% tested in accordance with ASTM D412
  - 7. Tensile strength: 1000 psi minimum tested in accordance with ASTM D412
  - 8. Tear Resistance: 177 psi minimum tested in accordance with ASTM D624
- B.** Primer: To be used for substrate preparation as recommended by waterproofing membrane manufacturer

## **PART 3 EXECUTION**

### **3.3. INSPECTION**

- A.** Concrete substrate must be fully cured prior to membrane application
- B.** Surface and air temperature are to be above 25 degrees Fahrenheit
- C.** Substrate is to be reasonably smooth, free from any loose material, debris, oils and is to be completely dry

### **3.4 PREPARATION**

- A.** Prepare substrate surface in accordance with manufacturers recommendations
- B.** Primer Application
  - 1. Follow manufacturer's recommendations

### **3.5 MEMBRANE APPLICATION**

- A.** Cut membrane into 8-10 foot lengths
- B.** Remove release liner. Apply membrane starting from the lowest point and work upwards.
- C.** All laps are 4 inch minimum
- D.** Use a steel hand roller to secure membrane firmly in place eliminating wrinkles and air pockets
- E.** Cut membrane flush with outside surface and building when no drip plate is installed
- F.** Inside and outside corners must be covered with two layers of membrane and sealed with mastic (see details/drawings)

**END OF SECTION**