

# **DIVISION 07 – THERMAL AND MOISTURE PROTECTION**

## **07 50 00 MEMBRANE ROOFING**

### **PART 1 - GENERAL**

#### 1.01 DESIGN CONSIDERATIONS

- A. Membrane roofing shall be preferred for flat roofs.
- B. All roofing shall be provided with an additional vapor barrier.
  - 1. The vapor barrier must not be penetrated by mechanical fasteners either for the vapor barrier or subsequent insulation or roofing.

#### 1.02 QUALITY ASSURANCE

- A. Underwriter's Laboratories (UL) Listing: Provide labeled materials that have been tested and listed by UL in "Building Materials Directory" or by other nationally recognized testing laboratory for Class A rated materials and systems.

### **PART 2 - PRODUCTS**

#### 2.01 PRODUCTS

- A. Preferred Manufacturers:
  - 1. Carlisle EPDM.

### **PART 3 - EXECUTION**

#### 3.01 INSTALLATION

- A. Application of volatile and/or irritant adhesives:
  - 1. Contractor shall coordinate all installation of EPDM roofing with WSU Construction Manager and incorporate installation methods to prevent entrainment of volatile and/or irritant adhesive vapors from entering the building, either through the HVAC system or through doorways or windows at:
    - i. The building receiving the roofing installation.
    - ii. Buildings adjacent to the roofing project whose air supply inlets, doors or windows may be subject to air quality degradation.

**END OF SECTION**