

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

## **07 10 00 DAMPPROOFING AND WATER PROOFING**

### **PART 1 - GENERAL**

#### 1.01 SUMMARY

- A. Acceptable forms of exterior waterproofing and dampproofing include sheet, fluid-applied, and bentonite waterproofing (see also section 07 17 00, Bentonite Waterproofing).
- B. Exterior walls below grade shall be thoroughly waterproofed. The Engineer of Record shall specify requirements for foundation drainage and otherwise dewatering the building site based on geotechnical survey.
- C. Shower rooms and drying rooms over habitable spaces shall have a membrane waterproofing pan with cemented joints, per the Ceramic Tile Institute's recommendation. This material shall cover the total floor area and be turned up all walls a minimum of 8 inches.
- D. Floors with drains shall be sloped to drain into floor drains, and shall slope away from doors to adjoining spaces.
- E. Mechanical rooms and kitchens over habitable spaces shall have waterproofing applied to protect the space below. Pipe and conduit penetrations through the floor are to be sleeved with lips projecting 1-1/2 inches to prevent drainage through the holes.

#### 1.02 QUALITY ASSURANCE

- A. Single Source Responsibility: Obtain primary dampproofing materials and primers from one source and by a single manufacturer. Provide secondary materials only as recommended by manufacturer of primary materials.

### **PART 2 - PRODUCTS (NOT USED)**

### **PART 3 - EXECUTION**

#### 3.01 WARRANTY ON LABOR AND MATERIALS (DATED FROM SUBSTANTIAL COMPLETION):

- A. Damp-Proofing and Waterproofing: 10 years

**END OF SECTION**