

## SECTION 07 10 00 - WATERPROOFING AND DAMPPROOFING

### PART I - GENERAL

#### 1.1 WARRANTY

- A. Provide a 2 year Contractor Installation Warranty.

### PART 2 - PRODUCTS

#### 2.1 BELOW GRADE DAMPPROOFING

- A. Provide dampproofing on the exterior surface of concrete foundation walls in contact with earth, when subsoil or subsurface moisture does not impose hydrostatic pressure at the dampproofing plane, unless the inside space is unexcavated.

#### 2.2 BELOW GRADE WATERPROOFING

- A. Provide waterproofing of walls & below grade slabs when a basement is established below grade.

#### 2.3 ABOVE GRADE WATERPROOFING

- A. Provide membrane waterproofing for the entire floor in toilet, shower rooms, and on floor slabs subject to hosing down with water where leakage would cause damage in rooms below.
- B. Line cast-in-place base of individual showers with a fabric type shower pan.
- C. Waterproof side walls of shower stalls to a minimum height of about 7 ft.

#### 2.4 ACCEPTABLE PRODUCTS

##### A. BELOW GRADE DAMPPROOFING

- 1. Hot or cold applied asphalt.
- 2. Hot or cold applied coal tar or bitumen.

##### B. BELOW GRADE WATERPROOFING

- 1. Bentonite panels
- 2. Bituminous membrane, fabric reinforced
- 3. Other products expressly designed for below grade installation.

##### C. PROTECTION BOARD

- 1. Products expressly designed for below grade installation.

##### D. ABOVE GRADE WATERPROOFING

- 1. Products expressly designed for the installation.
- 2. Lead shall not be used.

### PART 3 - EXECUTION

END OF SECTION **07** 10 00

This section of the *U of I Facilities Standards* establishes minimum requirements only.  
It should not be used as a complete specification.