

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

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

### **PART 1 - GENERAL**

#### 1.01 SUMMARY

##### A. Scope:

1. Acceptable forms of exterior waterproofing and dampproofing include sheet, fluid-applied, and bentonite waterproofing (see section 07 17 00, Bentonite Waterproofing).
2. Exterior walls below grade are to be thoroughly waterproofed with a rubberized membrane. Consultant is responsible for verifying site-specific hydrostatic head requirements based on geotechnical survey during design.
3. 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.
4. Floors with drains shall be sloped to drain into floor drains, and shall slope away from doors to adjoining spaces.
5. 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**

#### 2.01 PRE-APPROVED MANUFACTURERS

##### A. Sheet:

1. BF Goodrich
2. Carlisle

- ##### B. Bentonite: See section 07 17 00 (Bentonite Waterproofing)

#### 2.02 WARRANTY

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- A. Provide written warranties against defective materials and workmanship for a period of at least ten years following date of substantial completion.

**PART 3 - EXECUTION (NOT USED)**

**END OF SECTION**