

SECTION 07150DAMPPROOFINGPART 1 - GENERAL1.1 SECTION INCLUDES

- A. Penetrating Dampproofing (above grade).

1.2 PRODUCTS FURNISHED BUT NOT INSTALLED UNDER THIS SECTION

- A. Masonry Cavity Wall Dampproofing - Section 04200
- B. Above Grade Dampproofing of Masonry Walls - Section 04200

1.3 RELATED SECTIONS

- A. Section 01340 - Submittals
- B. Section 03300 - Cast-in-Place Concrete
- C. Section 04200 - Unit Masonry
- D. Section 07900 - Joint Sealers

1.4 REFERENCES

- A. ASTM D449 - Specification for asphalt used in dampproofing and waterproofing.

1.5 SUBMITTALS

- A. Submit product data and application instructions for all materials in accordance with Section 01340.
- B. Submit Manufacturer's specification and installation instructions.
- C. Submit Warranty

1.6 ENVIRONMENTAL CONDITIONS

- A. Do not apply dampproofing at temperatures below 40 degrees F or when temperature is expected to fall below 40 degrees F within 12 hours.

PART 2 - PRODUCTS2.1 MANUFACTURERS

- A. Penetrating Dampproofing
  - 1. Sika Corporation
  - 2. Euclid Chemical Company
  - 3. Or equivalent.
- B. Liquid Asphalt Dampproofing
  - 1. Sonneborn
  - 2. Or equal

- C. Cavity Wall Dampproofing
  - 1. Sonneborn
  - 2. Karnak
  - 3. Or equivalent

## 2.2 MATERIALS

- A. Penetrating Dampproofing: Siloxane type penetrating water-repellent.
- B. Liquid Asphalt Dampproofing: Asphalt emulsion for below grade walls [and slabs] dampproofing.
  - 1. First coat Sonneborn Building Products - Hydrocide 600 or equal.
  - 2. Second coat Sonneborn Building Products - Hydrocide 700 Mastic, or equal.
- C. Cavity Wall Dampproofing: Fiber reinforced (non asbestos) emulsified asphalt compound for dampproofing cavity walls before applying insulation. Sonneborn Building Products - Hydrocide 700B Semi-Mastic, Karnak 920, or equal. Material to be supplied in sufficient quantities for application rate detailed in Section 04200.

## PART 3 - EXECUTION

### 3.1 PREPARATION

- A. Protect elements surrounding the work of this Section from damage or disfiguration.

### 3.2 PENETRATING DAMPPROOFING APPLICATION

- A. Apply in strict accordance with manufacturer's printed instructions and as specified herein. Clean and prepare surfaces as required.
- B. Apply to all above grade, exterior, masonry and concrete walls.
- C. Apply in two (2) coats at a rate not to exceed 100 sq.ft./gal. for each coat.

### 3.3 LIQUID ASPHALT DAMPPROOFING APPLICATION

- A. Apply in strict accordance with manufacturer's printed instructions and as specified herein. Clean and prepare surfaces as required.
- B. First Coat - Brush or spray on at a rate of 70-100 square feet per gallon, filling all voids in concrete surfaces, completely.
- C. Allow first coat to dry before applying second coat.
- D. Second Coat - Trowel apply at a rate of 20 square feet per gallon.
- E. Do not place backfill for at least 24 to 48 hours after application.

### 3.4 CLEANING

- A. Clean any adjacent materials effected by the application of the penetrating dampproofing with a material recommended by the dampproofing manufacturer.

### 3.5 PROTECTION

- A. Protect below grade dampproofing from damage during backfilling.

3.6 SCHEDULE FOR APPLICATION

- A. Penetrating Dampproofing - All above grade, exterior, masonry and concrete surfaces.

END OF SECTION