

**SECTION 07 11 13****BITUMINOUS DAMPPROOFING****PART 1 - GENERAL****1.1 DESCRIPTION**

- A. This section specifies materials and workmanship for bituminous dampproofing on concrete and masonry surfaces.

**1.2 SUBMITTALS**

- A. Submit in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES.
- B. Manufacturer's Literature and Data for each product used:
  - 1. Product description.
  - 2. Application instructions.

**1.3 APPLICABLE PUBLICATIONS**

- A. The publications listed below form a part of this specification to the extent referenced. The publications are referenced in the text by the basic designation only.
- B. American Society for Testing and Materials (ASTM):
  - 1. D226-06 Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing
  - 2. D449-03(R2008) Asphalt Used in Dampproofing and Waterproofing
  - 3. D1227-95(R2007) Emulsified Asphalt Used as a Protective Coating for Roofing

**PART 2 - PRODUCTS****2.1 ASPHALT (HOT APPLIED)**

- A. ASTM D449, Type I.

**2.2 ASPHALT SATURATED FELT**

- A. ASTM D226, Type I, 7 kg (15 pound).

**2.3 ASPHALT EMULSION (COLD APPLIED)**

- A. ASTM D1227, Type III (spray grade)

**PART 3 - EXECUTION****3.1 SURFACE PREPARATION:**

- A. Surfaces to receive dampproofing shall be fully cured, clean and smooth.
- B. Remove foreign matter, loose particles of mortar or other Cementitious droppings.
- C. Fill voids, joints and cracks with patching compound.
- D. Clean and wash soil or dirt particles from surface.
- E. Remove free water; surfaces may remain damp.

**3.2 APPLICATION**

- A. Comply with Manufacturer written instructions for methods and rates of dampproofing application, cleaning and installation of any protection course.
- B. Comply with manufacturers' recommendations for temperature of Ambient Surface and Material during application of dampproofing.
- C. Apply each coat at the rate of not less than 1 L/m<sup>2</sup> (2-1/2 gallons per 100 square feet) and allow not less than 24 hours drying time after application.
- D. Do not cover treated surfaces by other materials or backfill until work is accepted by the VA.

**3.3 LOCATION**

- A. Apply to surfaces where shown.

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