

**SECTION 07 11 13**  
**BITUMINOUS DAMPPROOFING**

**PART 1 - GENERAL**

**1.1 DESCRIPTION:**

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:
  - 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):
  - D226-06.....Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing
  - D449-03(R2008).....Asphalt Used in Dampproofing and Waterproofing
  - D1227-95(R2007).....Emulsified Asphalt Used as a Protective Coating for Roofing

**PART 2 - PRODUCTS**

**2.1 ASPHALT EMULSION (COLD APPLIED):**

ASTM D1227, Type III (spray grade or roller applied)

**PART 3 - EXECUTION**

**3.1 SURFACE PREPARATION:**

- A. Surfaces to receive dampproofing shall be clean and smooth.
- B. Remove foreign matter, loose particles of mortar or other cementitious droppings.
- C. Clean and wash soil or dirt particles from surface.
- D. 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. Apply each coat at the rate of not less than  $1 \text{ L/m}^2$  (2-1/2 gallons per 100 square feet) and allow not less than 24 hours drying time after application.

**3.3 LOCATION:**

- A. Apply to surfaces where shown.

- - - E N D - - -