

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

05-01-12

**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):

D226-09.....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 (HOT APPLIED):**

ASTM D449, Type I.

**2.2 ASPHALT SATURATED FELT:**

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

**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.

B. Apply to exterior surface of inner wythe of masonry cavity walls where shown.  
Coordinate application with masonry work.

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