

**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):
 - D226-09.....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).

2.3 ASPHALT EMULSION (COLD APPLIED):

ASTM D1227, Type III (spray grade).

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 damp-roofing application, cleaning and installation of any protection course.
- B. Apply each coat at the rate of not less than 1 L/m² (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 as necessary. Coordinate application with masonry work.

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