

**SECTION 07 11 13
BITUMINOUS DAMPPROOFING**

SPEC WRITER NOTES:

1. Use this section only for NCA projects.
2. Delete between // // if not applicable to project. Also delete any other item or paragraph not applicable in the section and renumber the paragraphs.
3. Intended use is for exterior walls where no hydrostatic head occurs or is anticipated, as water percolates through the soil or in cavity spaces to weeps.
4. Clearly identify location on drawings and interface with other waterproofing system with terminology consistent with specification section title.

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/D226M-17Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing
 - D449/D449M-03(2021)Asphalt Used in Dampproofing and Waterproofing
 - D1227-95(R2007).....Emulsified Asphalt Used as a Protective Coating for Roofing

1.4 FIELD CONDITIONS

Retain "Weather Limitations" Paragraph below if any application is exterior.

- A. Weather Limitations: Proceed with application only when existing and forecasted weather conditions permit dampproofing to be performed according to manufacturers' written instructions.

Retain "Ventilation" Paragraph below if enclosed or interior applications are included in Project.

- B. Ventilation: Provide adequate ventilation during application of dampproofing in enclosed spaces. Maintain ventilation until dampproofing has cured.

1.5 PERFORMANCE REQUIREMENTS

- A. VOC Content: Products shall comply with VOC content limits of authorities having jurisdiction unless otherwise indicated.

PART 2 - PRODUCTS

2.1 ASPHALT (HOT APPLIED) :

ASTM D449, Type I.

2.2 ASPHALT SATURATED FELT:

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

//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 dampproofing 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 where shown. Coordinate application with masonry work. //

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