

**SPECIFICATIONS FOR**  
**SUPPLY AND APPLICATION OF ASPHALT DAMP PROOFING**

**1.0 DESCRIPTION**

The Work shall consist of:

- .1 Preparing the concrete surface;
- .2 Supplying and applying the primer;
- .3 Supplying and applying two (2) coats of asphalt damp proofing to all concrete surfaces in contract with backfill material; and
- .4 Heating the concrete (when required).

**2.0 REFERENCES AND RELATED SPECIFICATIONS**

All reference standards and related specifications shall be current issue or the latest revision at the date of tender advertisement.

**2.1 References**

- CGSB 37 GP 9Ma, Primer, Asphalt, Unfilled, for Asphalt Roofing, Damp Proofing and Waterproofing

**2.2 Related Specifications**

- Specifications for Reinforced Cast-in-Place Concrete

**3.0 SUBMITTALS****4.0 MATERIALS**

The damp proofing membrane shall conform to the requirements of CGSB 37 GP 9Ma.

The damp proofing membrane and primer shall be as identified in MIT's Approved Products List or equivalent as approved by the Engineer.

**5.0 CONSTRUCTION METHODS****5.1 Surface Preparation**

The concrete surface shall be cleaned of all loose material, grease, oil, paint or any other foreign matter. All voids and honeycomb shall have been patched previously and finished as specified in the Specifications for Reinforced Cast-in-Place Concrete.

**5.2 Application**

The primer and damp proofing membrane shall be applied in accordance with the Manufacturer's specifications by brush or power sprayer in a continuous, unbroken film, free from pinholes or other surface breaks. The primer and damp proofing membrane shall not be applied to frost-covered surfaces.

The first coat of damp proofing membrane shall be allowed to dry for 24 hours before the second coat is applied. The damp proofing membrane shall not be allowed to freeze before it has dried as specified by the Manufacturer.

**6.0 QUALITY MANAGEMENT**

After all asphalt damp proofing has been applied, a final inspection shall be made to locate any damage or deficiencies. All visible damage or any deficiencies shall be repaired to the satisfaction of the Engineer before any backfilling commences. The Contractor shall allow the Engineer unhindered access to the work and shall assist the Engineer in carrying out any inspection.

**7.0 METHOD OF MEASUREMENT**

Asphalt damp proofing will be measured on an area basis. The surface area to be paid for will be the total number of square metres of damp proofed surface computed from the Drawing dimensions of the concrete surfaces in contact with backfill material. No adjustments or deductions will be made for chamfered corners.

Heating and hoarding, as required, will be considered incidental to the asphalt damp proofing and no separate measurement will be made for this work.

**8.0 BASIS OF PAYMENT**

Asphalt damp proofing of concrete surfaces will be paid for at the Contract Unit Price per square metre for "Asphalt Damp Proofing", measured as specified herein, which price will be payment in full for performing all operations herein described and all other items incidental to the Work.