

SECTION 07110
DAMPPROOFING AND WATERPROOFING

PART 1 - GENERAL

1.1 SUMMARY

- .1 Provide dampproofing and waterproofing with accessories for a complete installation as indicated and specified.
- .2 Waterproof all below grade walls.
- .3 Waterproof membrane assembly shall be designed to prevent penetration of membrane by root systems at planted areas.
- .4 Ensure compatibility of overlapping membranes or coatings.

1.2 REFERENCES

- .1 CAN/CGSB 37.16-M89 Sheets, Asbestos-Cement, Flat, Fully Compressed.
- .2 CAN/CGSB 37.2 M88 Emulsified Asphalt, Mineral Colloid Type, Unfilled, for Dampproofing and Waterproofing and for Roof Coatings.
- .3 CAN /CGSB-37.3 M89 Application of Emulsified Asphalts for Dampproofing & Waterproofing.
- .4 CAN/CGSB 37.54-95 Polyvinyl Chloride Roofing and Waterproofing Membrane.
- .5 CGSB 37-GP-56M-1985 Membrane, Modified, Bituminous, Prefabricated, and Reinforced for Roofing.

1.3 SUBMITTALS

- .1 Submit in accordance with Division 1 Submittal Procedures.
- .2 Product Data: For each system specified include manufacturer's installation and maintenance instructions.
- .3 Shop Drawings: Indicate project specific details for integration with adjacent assemblies.
- .4 Samples: Provide three 12 inch x 12 inch samples of each membrane, draining mat, and protection board specified.

1.4 QUALITY ASSURANCE

- .1 Installers: Trained by the manufacturer for installation of their products.

PART 2 - PRODUCTS

2.1 MATERIALS

- .1 Dampproofing Materials:
 - .1 Emulsified Asphalt Mineral — Colloid Type unfilled, for Dampproofing and Waterproofing and for Roof Coatings: Conforming to CAN/CGSB 37.2 M88.
 - .2 Filled, Cutback Asphalt for Dampproofing and Waterproofing: Conforming to CAN/CGSB 37.16-M89 for use at temperatures below 4°C. (39°F).
- .2 Waterproofing Materials For Foundation Walls:
 - .1 Self-Adhesive Membrane: 1.6 mm (1/16") thick, self-adhering membrane of rubberized asphalt integrally bonded to a high density, cross-laminated, polyethylene sheeting.
 - .2 SBS Modified Membrane: 180 g/m2 non-woven polyester reinforcing, polypropylene bottom surface for torch application to substrate, granular top surface is required where membrane terminates above grade level, conforming to CGSB 37-GP-56M.

PART 3 - EXECUTION

- .1 Ensure substrates are prepared and primed in accordance with manufacturer's printed instructions. Ensure that installation takes place in conformance with manufacturer's recommendations for temperature and weather conditions.
- 3.2 DAMPPROOFING**
 - .1 Install dampproofing to CAN /CGSB-37.3 M89 Application of Emulsified Asphalts for Dampproofing & Waterproofing.

END OF SECTION