

ITEM 11207.060103 M - EPDM RUBBER POND LINER

DESCRIPTION. This work consists of furnishing and installing ethylene propylene diene terpolymer (EPDM) rubber pond liner including preparing the surface on which the liner is placed at the location(s) shown on the plans or where directed by the Regional Landscape Architect.

MATERIALS. The pond liner shall be 1.14 millimeters (45 mil, .045") thick ethylene propylene diene terpolymer (EPDM). Other materials required to complete the work shall be as recommended by the liner manufacturer and include seam preparation primer; splicing cement, in-seam sealant, or 0.1 m wide double-stick seam tape; lap sealant or 0.15 m wide cover tape, and pipe boots. The contractor shall submit manufacturer literature and test data on all materials to the Regional Landscape Architect and the Engineer for approval prior to use.

CONSTRUCTION DETAILS. The pond liner shall be protected during transport and storage. The surface upon which the pond liner is to be placed shall be within reasonable conformity to the proposed grade. All stones, sticks, and other sharp objects shall be removed from the surface prior to placing the liner and prior to covering the liner. Traffic or construction equipment will not be permitted directly on the pond liner. Care shall be exercised by workers when walking or working on the pond liner.

Seams shall be sealed in accordance with the manufacturer's recommendations and to the satisfaction of the Engineer. The edges of the pond liner shall be secured as shown in the Contract Documents or as directed by the Engineer.

Pond liner which becomes torn or damaged shall be replaced or patched as ordered by the Engineer. The patch shall extend one meter beyond the perimeter of the tear or damage, and all seams shall meet the approval of the Engineer.

METHOD OF MEASUREMENT. The quantity of EPDM Rubber pond liner will be the number of square meters of liner shown on the plans or measured in the field and approved in writing by the Engineer. Payment will not be made for EPDM rubber pond liner used for repairs, seams, or overlaps.

BASIS OF PAYMENT. The unit price bid per square meter of EPDM rubber pond liner shall include the cost of all labor, equipment, and materials necessary to complete the work, including the cost of preparing the surface upon which the pond liner is placed and securing the edges of the pond liner.