

849 – GEOMEMBRANE

SECTION 849

GEOMEMBRANE

849.1 DESCRIPTION

Place geomembrane to form an impermeable barrier at the locations designated in the Contract Documents.

BID ITEM

Geomembrane

UNITS

Square Yard

Note: If this bid item is not included in the Contract Documents, this work is subsidiary to other items in the contract.

849.2 MATERIALS

Provide materials that comply with the applicable requirements.

Geomembrane	DIVISION 1700
Cushioning material FA-A	DIVISION 1100

849.3 CONSTRUCTION REQUIREMENTS

Do not remove the geomembrane from its package and expose it to sunlight or the elements more than 10 days before it is placed and covered.

Place the geomembrane as shown in the Contract Documents, with the longitudinal axis of the roll perpendicular to the centerline of the roadway. Overlap the geomembrane with a minimum of 24 inches at the joints, with the uphill layer placed on top of the downhill layer of geomembrane.

If the geomembrane is damaged by tears, punctures, or contamination from hydrocarbon spill, do not patch the damaged areas, replace the entire section of the geomembrane.

Place the cushioning material (sand) in a manner that does not puncture or tear the geomembrane.

849.4 MEASUREMENT AND PAYMENT

When shown as a bid item in the contract, the Engineer will measure the geomembrane by the square yard. If the geomembrane work is shown in the Contract Documents, but the bid item for this work is not included in the Contract Documents, the Engineer will not measure the geomembrane for separate payment. Quantities shown in the Contract Documents are based on the width of select granular backfill plus 6 feet for wrapping.

Payment for "Geomembrane" at the contract unit price is full compensation for the specified work.