

ITEM 17207.96 M - GEOSYNTHETIC REINFORCEMENT

DESCRIPTION:

Provide and install Geosynthetic Reinforcement (GR) as indicated on the plans or as directed in writing by the Engineer.

MATERIALS:

Provide certified tested GR meeting the minimum wide width tensile strength in two perpendicular directions at 5% strain shown on the plans.

CONSTRUCTION DETAILS:

Protect the GR from exposure to sunlight during transport and storage. After placement, the GR shall not be left uncovered for more than two weeks. Place the GR at the proper elevation and alignment as shown on the plans or as directed by the Engineer. The surface upon which the GR is to be placed shall be within reasonable conformity to the proposed grade. GR sections shall be overlapped a minimum of 0.3 m or as directed by the Engineer. Care shall be taken to ensure that GR sections do not separate at overlaps during construction. Place the GR without folds. The placement of the GR around corners may require cutting the material and diagonal overlapping of the GR to ensure that excessive buckling or folding of the GR material does not occur.

Place the overlying course(s) and compact as shown on the plans or as approved by the Engineer. Traffic or construction equipment will not be permitted directly on the GR.

METHOD OF MEASUREMENT:

The quantity of GR will be the number of square meters computed from the payment lines shown on the plans or from payment lines established in writing by the Engineer. Measurement will not be made for GR used for repairs or overlaps.

BASIS OF PAYMENT:

The unit price bid per square meters for this item shall include the cost of furnishing all labor, materials, and equipment necessary to satisfactorily complete the work.

Payment will be made under:

<u>ITEM NO.</u>	<u>ITEM</u>	<u>PAY UNIT</u>
17207.96	Geosynthetic Reinforcement	Square meter