

SECTION 728 -- RIPRAP FILTER FABRIC

728.01 -- Description

This work shall consist of furnishing and installing a riprap filter fabric at the locations shown in the plans and as directed by the Engineer.

728.02 -- Material Requirements

1. The filter fabric to be used shall be on the NDR Approved Products List.
2. Filter fabric materials that are not on the NDR Approved Products List may be considered for use provided a manufacturer's certificate of compliance for the proposed material is provided to the Engineer. Material criteria are listed on the NDR Approved Products List.

728.03 -- Construction Methods

1. The surface underlying the geotextile shall be prepared to a relatively smooth condition free of obstructions, depressions, and debris. Erosion features (i.e., rills, gullies, etc.) shall be graded out of the surface before geotextile placement.
2. The geotextile shall be placed on the underlying surface such that the geotextile is not damaged. The fabric shall be placed so that the upstream strip of fabric will overlap the downstream strip. Material overlap for unstitched seams shall be a minimum of 1.0 m. The geotextile shall be laid smooth so as to minimize tension, stress, folds, wrinkles, and creases.
3. The geotextile shall be held in place by adequate pinning, selectively placed riprap, or a combination of pinning and riprap prior to placement of the specified riprap.
4. The geotextile shall be covered with the specified riprap within 5 days after placement of the geotextile. Placement of specified riprap onto the geotextile shall not rupture the geotextile.

728.04 -- Method of Measurement

The item, "Riprap Filter Fabric", shall be measured by the square meters of the area covered by the fabric and accepted by the Engineer with no allowance for overlaps.

728.05 -- Basis of Payment

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| 1. | <u>Pay Item</u> | <u>Pay Unit</u> |
| | Riprap Filter Fabric | Square Meter (m ²) |
| 2. | Payment is full compensation for all work prescribed in this Section. | |