Triangular Silt Dike™

Triangular Silt Dike
Technical Data Sheet

The Triangular Silt Dike's innovative patented design provides effective sediment control with fast and easy installation. It is made with lightweight and durable materials and weighs just 7-9lbs per seven foot section. The protective aprons on either side of the barrier prevents both erosion and failure of the structure. The aprons are attached to the ground and held in place with U-shaped wire staples, helping the Triangular Silt Dike to conform to rough terrain.

The dikes shall be used as a continuous line barrier at the toe of a slope or R/W line to contain sediment or as a ditch barrier placed perpendicular to the flow of water in a defined drainage ditch to minimize erosion and contain sediment. These dikes shall be installed and located as soon as construction will allow or as directed by the Engineer.

Triangular Silt Dikes shall be triangular-shaped, having a height of at least eight to ten inches (8" - 10") in the center with equal sides and a sixteen- to twenty-inch (16" - 20") base. The triangular-shaped inner material shall be urethane foam. The outer cover shall be a woven geo-textile fabric placed around the inner material and allowed to extend beyond both sides of the triangle two to three (2' - 3') feet. Standard length of each dike will be seven feet (7') unless otherwise indicated on the plans.

PRODUCT DATA	
Physical Property	**Typical Value**
Material - Core	urethane foam
Material - Cover	woven geotextile
Color	black
Dike Height	8" - 10"
Dike Width	16" - 20"
Dike Length	7'
Test results represent Minimum Average Roll Values (MARV) with the exception of weight which is a typical result.	

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