Mesa® Retaining Wall System

The Mesa retaining wall system combines the economy and versatility of segmental concrete units with proven geogrid technology to create a new generation of structural block walls. The Mesa system succeeds through a combination of Tensar® structural geogrids, high strength concrete units, and a unique “locking” connector that creates a positive, mechanical, end-bearing connection. This positive connection assures full load transfer from the wall face to the reinforcement, resulting in unsurpassed structural reliability. Your choice of setback can be either 1/8" and 1° batter (near vertical), or a 5/8" setback and 4.5° batter.

Furthermore, the Mesa Systems are integrated systems. Unlike modular walls, which mix and match components from different sources, every component of a Mesa Wall has been specifically designed and detailed to work together for optimum efficiency and performance. In addition, Mesa Walls do not require core-fill, offering a major cost and installation time advantage. **MDOT, VDOT, and WVDOT Approved.**

Mesa units are manufactured in accordance with ASTM C 1372.

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Mesa® Retaining Wall System

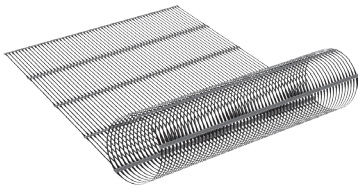
Mesa Construction with DOT connectors and Tensar Grid.

Mesa Unit

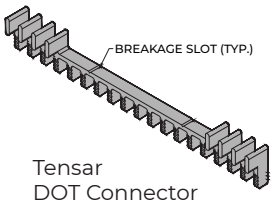
Hollow Corner Unit

4" Rectangle Cap

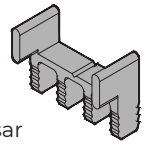
Tensar Connection Systems



Tensar Geogrid



Tensar
DOT Connector



Tensar
Standard Connector

Shapes	H (in)	W (in)	D (in)	Approx Wgt.	SF/Pal	Pc/Pal	Lbs/Pal
Mesa Unit	8	18	12	95	40	40	3840
8" Hollow Corner Unit	8	18	9	80	40	40	3240
4" Rectangle Cap	4	18	12	70	72 LF	48	3400

Setback	Batter
1/8"	1°
5/8"	4.5°

STANDARD COLOR

Granite

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