


MESA[®]
RETAINING WALL SYSTEMS



Mesa Systems' Components:

Mesa Standard Units

Mesa Cap Units

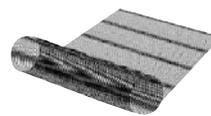
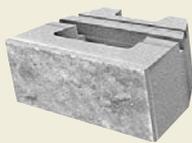
Mesa Connectors

Tensar Geogrids



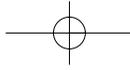
Tensar[®]
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The Connection You Can Count On™



A Single-Source Solution

For over a decade, the Mesa Retaining Wall Systems from Tensar International Corporation have been the retaining wall solution of choice for both architects and engineers alike. One of the only concrete segmental retaining wall (SRW) systems with a proven, positive mechanical connection, the Mesa Systems offer superior and cost-effective solutions for all of your structural and landscaped retaining wall needs in the commercial, industrial, residential and transportation markets.

Recognized for Its High Standards

If it's good enough for the Highway Innovative Technology Evaluation Center (HITEC), chances are it will work for you. Impartial performance reviews conducted by HITEC provide credible and comprehensive information about products and technologies that help DOT organizations make informed purchasing decisions. The fact that the Mesa Systems are one of the few geosynthetic-reinforced retaining wall systems that have been evaluated by HITEC is often a determining factor in most transportation projects.

Building on Codes

Local building codes are applicable to almost all retaining walls in the commercial, industrial and even residential markets. The importance of conforming to these codes is increasingly imperative. If codes are not met, you risk the chance of wall failure or fines. In fact, there is even a code that regulates the design of SRWs that exceed four feet. This ensures that all participants design and inspect structural SRWs based on national standards. That's why we're proud that the Mesa Systems have been positively evaluated by local and state governments across North America.

Standing Up to Industrial Sites

Industrial sites often have heavy loading conditions and contain high-traffic area. With a greater tolerance to differential and total settlement, the superior connection capabilities of the Mesa Systems make them an exceptional solution for these types of projects. Mesa Walls can be designed to stand up to high static loads and have been known to handle areas with high seismic activities.

Mesa Systems' Components	
Component	Function
Tensar Geogrids	High-density polyethylene (HDPE) structural geogrids internally reinforce structure and fill materials. Inert to chemical degradation, they can be used with non-select fill or even crushed concrete.
Mesa Segmental Units	High-strength concrete block with a compressive strength that exceeds AASHTO standards (>4,000 psi).
Mesa Connectors	Unique locking connectors are designed to mechanically connect the Tensar Geogrids to the Mesa Units. Provide a low-strain, end-bearing connection that is not dependent on friction for structural integrity and allow walls to be built near vertical or with a 5/8" setback.
Full Engineering and Construction Services	Detailing, design, construction services, site assistance, drawings and construction installation available for each Mesa project upon request.

Endless Applications

- **Commercial Developments**—Retail mall, big box stores, office complexes, etc.
- **Recreational Jobs**—Golf courses, amusement parks, amphitheatres, sports facilities, etc.
- **Municipal Projects**—Schools, hospitals, government buildings, public parks, libraries, etc.
- **Industrial Sites**—Manufacturing and waste facilities, aggregate quarries, freight yards, mills, power plants and much more.

