

Modular Gabion Systems



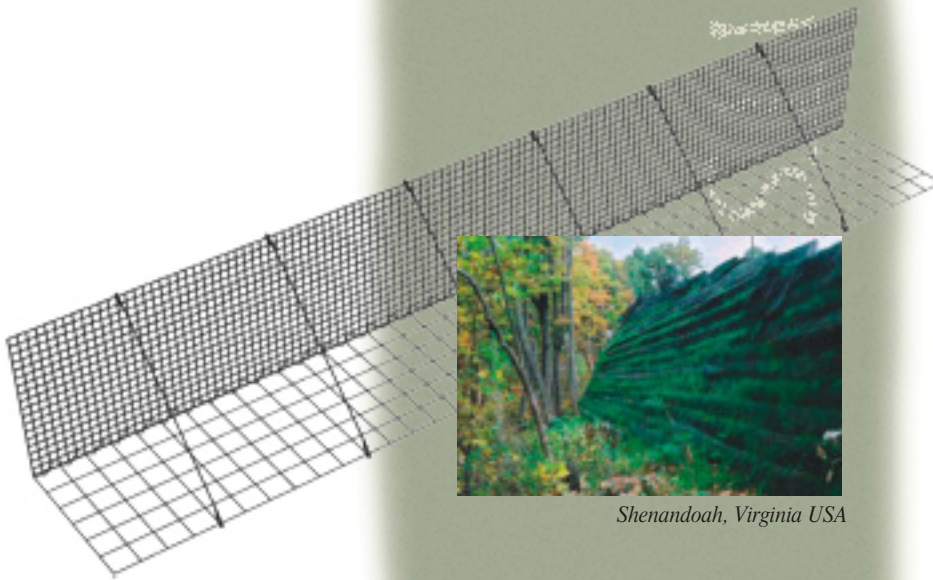
*Modular Wire
Faced Wall Systems*



Modular Wire Wall Faced Systems form an ideal gravity wall structure; they may be designed without a step for flush-face vertical structure or with a step to terrace even very steep grades. Unlike standard gabion structures, wire faced walls are filled only with compacted soil, not graded stone.



Houston, Texas, USA



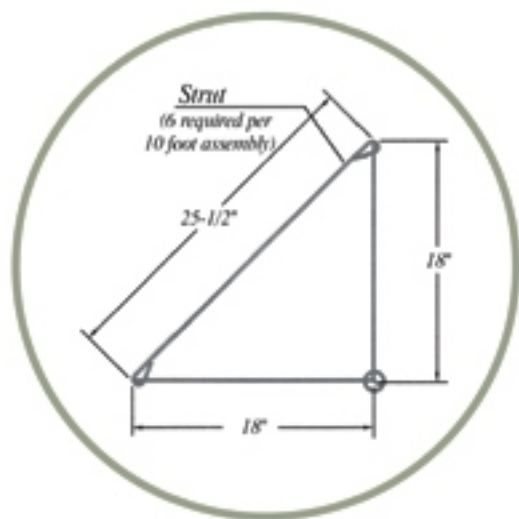
Shenandoah, Virginia USA

The Wire Wall Faced Systems are available in two mesh colors, green or gray, and two standard configurations, "L" Units and "C" Units. "L" Units consist of an anchor or base mesh 18" or 24" in width by 10' in length extending back into the soil wall and a face mesh, also 18" x 10', which is placed at an angle of 90 degrees to the Anchor Mesh base mesh. Support struts placed on 1.5' centers connect the bottom and front panels diagonally. "C" Units are similarly constructed from base panels measuring 54" wide by 10' in length and face panels 18" or 24" in width by 10' in length, supported with struts at a 90 degree angle. Just as in the "L" Unit configuration, these support struts are placed on 1.5' centers and connect the Anchor Mesh base panel with the face panels diagonally. In "C" Units each lift is capped with another Anchor Mesh panel 36" wide by 10' in length. A non-woven geotextile fabric is sandwiched between the mesh and the soil fill.

"L" Units

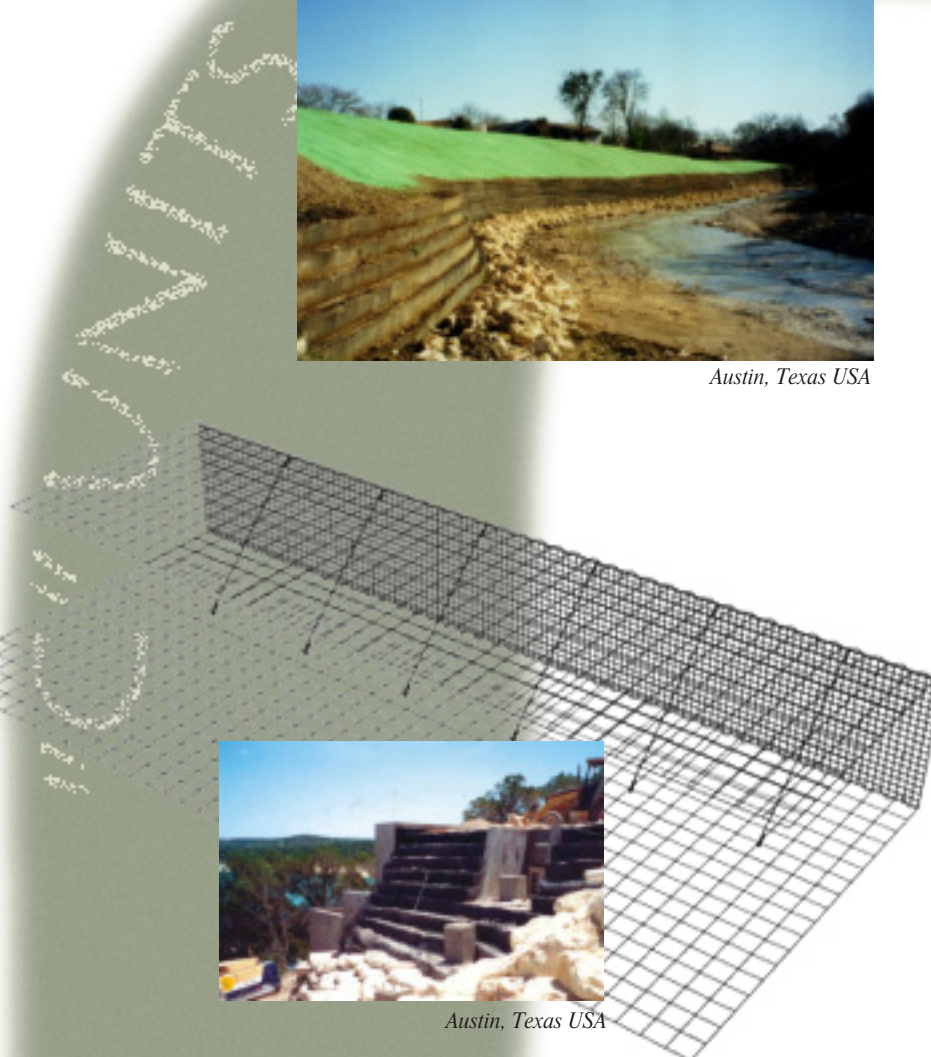
Wire Mesh.....	ASTM A-185
Mesh Opening	
Anchor Mesh base panel.....	3" x 3" (7.5 cm x 7.5 cm)
face panel.....	1" x 1" (2.54 cm x 2.54 cm)
Mesh Wire Diameter	
Anchor Mesh base panel.....	0.120" - US Gauge 11 (3.0 mm) plus PVC
face panel.....	0.135" - US Gauge 10 (3.8 mm) plus PVC
Spiral Binder/Steel Clips Diameter.....	0.120" - US Gauge 11 (3.0 mm)
Steel Support Struts Diameter.....	0.177" - US Gauge 7 (4.5 mm)
Zinc Coating.....	ASTM A-90, 0.80 oz/sf
PVC Coating.....	ASTM A-9740, 0.7 mm
Weld Shear Strength.....	ASTM A-185, 450 lbs

Modular Gabion Systems



Austin, Texas USA

Wire Faced Wall Systems are perfectly suited for use either as temporary structures during other construction operations or permanent retaining walls. The exposed face may be designed for use with our own Ragazzo Blocks but is also ideally suited for revegetation. Modular Gabion Systems Wire Faced Walls are manufactured from high quality welded wire. Unlike twisted mesh, welded mesh never requires straightening or stretching, won't bulge and can be field cut to the desired dimensions. Our spiral binders make on-site assembly of economical roll stock a snap. Pre-assembled Modular Wire Faced Wall units may be shipped saving space to reduce freight costs.



Austin, Texas USA

"C" Units

Wire Mesh.....	ASTM A-185
Mesh Opening	
Anchor Mesh base & top panels	3" x 3" (7.5 cm x 7.5 cm)
face panel.....	1" x 1" (2.54 cm x 2.54 cm)
Mesh Wire Diameter	
Anchor Mesh base & top panels	0.120" - US Gauge 11 (3.0 mm) plus PVC
face panel	0.135" - US Gauge 10 (3.8 mm) plus PVC
Spiral Binder/Steel Clips Diameter.....	0.120" - US Gauge 11 (3.0 mm)
Steel Support Struts Diameter	0.177" - US Gauge 7 (4.5 mm)
Zinc Coating	ASTM A-90, 0.80 oz/sf
PVC Coating	ASTM A-9740, 0.7 mm
Weld Shear Strength.....	ASTM A-185, 450 lbs



Kansas City, Kansas USA



Austin, Texas USA

MODULAR GABION SYSTEMS

2221 Canada Dry Street, Houston, Texas 77023 USA
800.324.8282 • 713.924.4371 • 713.924.4381 fax
www.gabions.net • wire@gabions.net

Erosion Control Specialists

Revision: 12/12/02

