**DESCRIPTION**

Alpenstein offers design professionals the ease and stability of segmental retaining wall unit construction combined with the versatility and beauty of a plantable wall system. Create convex, concave, and free-form curves, as well as straight walls with Alpenstein to accommodate almost any terrain. The open-unit design allows for root penetration and the natural infiltration of water and makes the unit easy to handle during installation. Once planted with vines, flowers, or other greenery, Alpenstein integrates itself into the natural contours of the landscape.

**COMPOSITION & PERFORMANCE**

Alpenstein is made by blending iron oxide pigments with a cement-rich concrete mixture. Utilizing pressure and vibration, specialized equipment molds this special mix into high-density segmental retaining wall units with exceptional strength and durability. Alpenstein meets or exceeds ASTM C1372. Our strict quality control ensures consistent strength, color, and size.

**UNIT DIMENSIONS**

**Alpenstein 12**

Unit Weight: 58 lb  
Coursing Height: 6.75"/course  
Coverage: 1.2 sq ft

**Alpenstein 20**

Unit Weight: 79 lb  
Coursing Height: 6.75"/course  
Coverage: 1.2 sq ft

**INSTALLATION**

Alpenstein can accommodate a variety of slope inclinations up to 70 degrees. It can be utilized for most walls under 3½ feet high without geogrid. Higher walls and tiered walls can be constructed with the aid of geogrid reinforcement. A qualified soil engineer should be consulted for walls over six feet high or when site and soil conditions are questionable. Installation should follow the guidelines illustrated below. Backfilling and compaction should take place after each course is installed.

**TESTING**

Connection Strength Testing available on request.

**CROSS SECTION**

Available from:

Manufactured by:

**KIRCHNER BLOCK & BRICK**

A Midwest Products Group Co.

ST. LOUIS, MO  •  (314) 291-3200  •  www.Kirchnerblock.com