Installation Guidelines

Oversize Rib Rock Landscape Block step back 2” on every course. When using corner units, they also step in 2” to adjust for the wall running in the other direction. If only one corner unit is used, this offset is unnoticeable and easy to deal with. When using two corner units, as shown below, the wall gets tightened 4” on each course. Rib Rock Keyblock Tapered Flat Units are 4” shorter than the standard Rib Rock Tapered or Tapered Flat Units (44” vs 48”). Use one additional Keyblock for each successive course that becomes tightened. For example, on the first course no Keyblock units are required. The second course needs one Keyblock, the third course needs two, the fourth course needs three, and so on. At 12 courses the wall has tightened 48” and does not require a Keyblock; simply repeat the pattern over again.

Rib Rock Keyblock Installation

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Oversize Rib Rock Wall

Set back= 2” per course

Site conditions may require Geogrid at 6'. Refer to site specific Engineering section.

12 Foot Wall (Rib Rock)

Drainage
Fill
Full Base Block
Drain Tile (as required)
Roadbase (Gravel)

- Geogrid

8 Foot Wall (Rib Rock)

Geogrid
Drainage Fill
Drain Tile (as required)
Roadbase (Gravel)

6 Foot Wall (Rib Rock)

Drainage Fill
Drain Tile (as required)
Roadbase (Gravel)

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Engineering

Oversize Rib Rock Landscape block can easily make walls up to 6 feet high. For walls over this height, geogrid and site specific engineering will be required. Terracing is another alternative to reach desired wall heights with little or no need for soil reinforcement. Engineering may still be required for local specifications and proper permitting.

Engineering is available for oversize wall projects in the lower 48 states. Call 800-289-2569 for information.