

**Guide for Estimating Number of
Mesa Gardener Units Required**

| Wall Height (in.) | No. of Courses | Wall Length Measured at Wall Face (ft) | | | | | |
|-------------------|----------------|--|----|-----|-----|-----|-----|
| | | 5 | 10 | 20 | 30 | 40 | 50 |
| 4 | 1 | 5 | 10 | 20 | 30 | 40 | 50 |
| 8 | 2 | 10 | 20 | 40 | 60 | 80 | 100 |
| 12 | 3 | 15 | 30 | 60 | 90 | 120 | 150 |
| 16 | 4 | 20 | 40 | 80 | 120 | 160 | 200 |
| 20 | 5 | 25 | 50 | 100 | 150 | 200 | 250 |
| 24 | 6 | 30 | 60 | 120 | 180 | 240 | 300 |

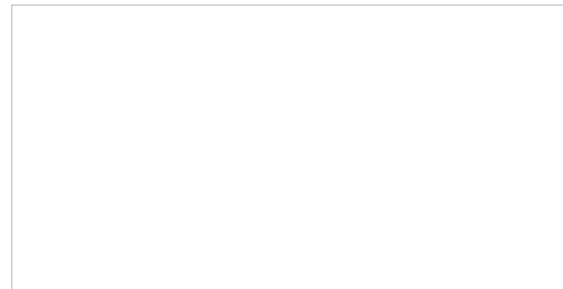
Tensar®

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**The only landscape units with
patented recessed “hand-holds”
– no more pinched fingers!**

Mesa® Gardener™ Units from Tensar International Corporation (Tensar) enhance the value of your property and are easy to install with their unique, recessed “hand-holds.” Virtually maintenance-free, Gardener Units are the long-lasting and cost-effective alternative to timber, railroad ties and stone.

Tensar®



Mesa Gardener Units are fast and easy to install



1 Dig a trench for the base.

2 Place and level a gravel layer in the trench.

3 Align units with a string line.

4 Level units.

5 Clean each course before installing additional layers.

MESA® GARDENER™ RETAINING WALL UNITS – ENHANCE THE VALUE OF YOUR PROPERTY

Mesa Gardener Units can enhance the overall value of your property and cost less to maintain than other types of landscaped walls. These units offer a natural, textured stone appearance and are constructed with high-compression concrete that resists cracking and insect infestation. Other benefits of the Gardener Units include a tight fit as well as a maintenance-free, environmentally-friendly concrete block that doesn't require painting or treating with chemicals.

CREATING MORE THAN JUST A WALL

Enhance the beauty of your property with simple do-it-yourself projects. Mesa Gardener Units are lightweight and have unique, recessed "hand-holds" that make them easy to carry. Landscaped walls can be built up to 3 ft high and do not require mortar for construction. Unlike treated lumber and railroad ties, Gardener Units will not rot, split or warp, providing you with an attractive wall for years to come.

Do it yourself or have a Mesa Retaining Wall representative refer you to a contractor in your area. The investment will be well worth it, and you will enjoy the beauty and functionality long after your project is complete. Here are a few ideas on how Gardener Walls can help improve your property:

- ▶ Garden walls and borders
- ▶ Sidewalk edging
- ▶ Patio and lawn edging

Installation Guidelines

Step 1: PREPARE THE SITE

- ▶ Dig a trench the full length and width of the wall you want to construct. The depth of the trench should be slightly more than the height of one unit.
- ▶ Place leveling pad, consisting of a 2- to 3-in. layer of crushed stone or gravel, over compacted soil.

Step 2: SET THE BASE COURSE

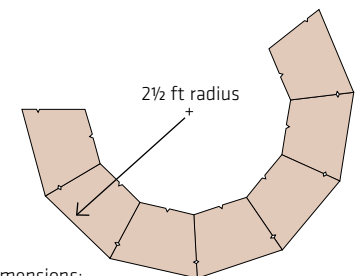
- ▶ Once the leveling pad is complete, install the first layer of units. For correct alignment, use a string line along the back to make sure they are flush. Use a level to ensure the units are uniform front-to-back and side-to-side.
- ▶ After the base course is level and in place, use the soil created from digging the trench to backfill the void behind the units. Backfill and compact behind each course before installing additional courses.

Step 3: STACK ADDITIONAL COURSES

- ▶ Before placing the second course of units onto the base, make sure the top of the first layer of units has been cleaned and is free of debris.
- ▶ Place the next course of units onto the existing layer, backfill with dirt and compact.
- ▶ Repeat, placing additional courses of units until the desired height is reached.

SPECIAL CONSIDERATIONS

- ▶ Sharp curves and half units will require cutting with a masonry cut-off saw,* which can be rented at most equipment rental stores.



Unit Dimensions:
4-in. high x 12-in. wide x 8-in. deep Weight: 25 lbs

*Follow instructions on proper usage of equipment, and always wear safety glasses and shoes. Unit colors and styles are based on local availability.