



Retaining Wall Height Chart

MAXIMUM HEIGHT FOR WALL WITHOUT THE USE OF GEOGRID (in optimal conditions)

| Type of wall | | level surface and no surcharge | | | Wall inclination degrees | Setback | | minimum exterior wall radius ³ | |
|---|---|--------------------------------|--------|------|--------------------------|-------------|--------|---|------|
| | | Number of rows | Meters | Feet | | Millimeters | Inches | Meters | Feet |
| Econo Garden Wall | inclined | 9 | 0.80 | 2.95 | 13 | 23 | 29/32 | | |
| Escala ² | inclined | 10 | 0.90 | 2.95 | 4 | 7 | 9/32 | 2.25 | 7.5 |
| | vertical | 8 | 0.72 | 2.36 | 0 | 0 | 0 | 2.25 | |
| Creta ² | inclined | 6 | 0.75 | 2.46 | 5.5 | 12 | 15/32 | 2.1 | 7 |
| | vertical | 5 | 0.63 | 2.05 | 0 | 0 | 0 | 2.1 | |
| Mini-Creta Plus 3" ² | inclined | 12 | 0.90 | 2.95 | 5 | 7 | 9/32 | 2.1 | 7 |
| | vertical | 10 | 0.75 | 2.46 | 0 | 0 | 0 | 2.1 | |
| Mini-Creta Plus 6" ² | inclined | 6 | 0.90 | 2.95 | 5 | 14 | 9/16 | 2.1 | 7 |
| | vertical | 5 | 0.75 | 2.46 | 0 | 0 | 0 | 2.1 | |
| Quarry Stone 100 mm ² | inclined | 8 | 0.80 | 2.62 | 4 | 7 | 9/32 | 1.8 | 6 |
| | vertical | 6 | 0.60 | 1.97 | 0 | 0 | 0 | 1.8 | |
| Quarry Stone 200 mm ² | inclined | 4 | 0.80 | 2.62 | 4 | 14 | 9/16 | 1.8 | 6 |
| | vertical | 3 | 0.60 | 1.97 | 0 | 0 | 0 | 1.8 | |
| Slope and Split Face Block ² | inclined | 8 | 1.08 | 3.54 | 14.5 | 35 | 1 3/8 | | |
| Mini-Blok regular unit ² | inclined | 11 | 0.83 | 2.71 | 5 | 7 | 9/32 | | |
| | vertical | 9 | 0.68 | 2.21 | 0 | 0 | 0 | | |
| Mini-Blok base unit ² | inclined | 13 | 0.98 | 3.22 | 5 | 7 | 9/32 | | |
| | vertical | 11 | 0.83 | 2.71 | 0 | 0 | 0 | | |
| Monumental blok | available at www.techo-bloc.com/monumental | | | | 11 | 76 | 3 | 5.2 | 17 |
| Suprema ² | inclined | 5 | 1.02 | 3.35 | 4.5 | 16 | 5/8 | 1.8 | 6 |
| | vertical | 4 | 0.81 | 2.66 | 0 | 0 | 0 | 1.8 | 6 |

1. Wall height does not include the cap.

2. These products can be used to build higher walls with geogrid. Contact your Techo-Bloc representative for more details or fill out our retaining wall design check list form (p.88).

3. Wall radius is measured from the front face of the wall. Minimum wall radius is calculated from the lowermost course in an interior curve and from the uppermost course in an exterior curve.