



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.