

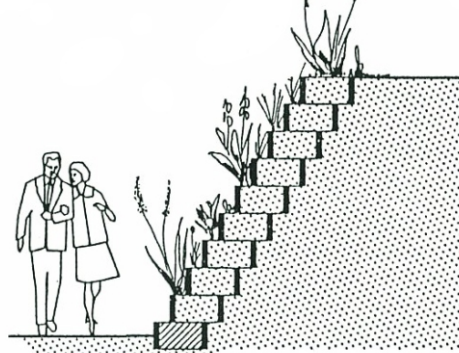
TERRAFORCE & TERRAVERT

Segmented gravity retaining walls rely upon weight and frictional resistance to obtain stability. (Resistance to overturning and sliding forces). For maximum weight, Terraforce walls offer a closed vertical face to the backfill and contain no air voids. Superior frictional resistance is obtained through a close fitting interlock on the horizontal plane and the cross bonded blocks in full contact row upon row.

RETAINING WALL BLOCK SELECTION TABLE

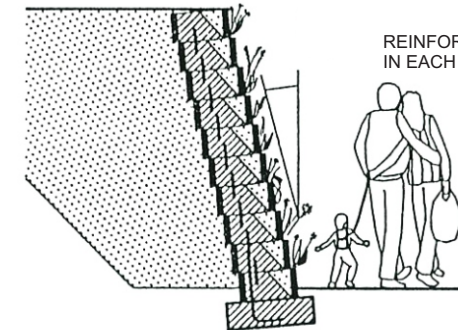
Type	V10	V8 320	M15	M10	V8 400	S 10	Double Row M10	Double Row S10
Wall width mm	250	320	350	350	400	500	700	1000
Blocks per M ²	10	8	15.5	10	8	10	20	20
Block mass kg	25	9	22	34	50	48	68	96
Infill Volume Litres +-	11	22	10	15	23	24	30	48
Infill Mass per unit kg +-	16.5	33.5	15	22.5	35	37	45	74
Wall Mass per M ² incl. soil Kg +-	390	580	573	585	616	850	1146	1580
Recommended Max wall height meters	2	3.5		5		7	9	
Retention Duty	Light			Medium		Heavy	Extra Heavy Duty	

WALL ANGLE / SETBACK CHART



LIGHT RETAINING WALL

Rows are 250mm high (Gauge)	
Setback per row (mm)	Approx. wall angle (deg)
300	40
250	45
210	50
175	55
145	60
120	65
90	70
65	75
45	80
20	85



HEAVY RETAINING WALL
PARTIALLY FILLED WITH CONCRETE

REINFORCING BAR
IN EACH BLOCK