

FOUNDATION MATERIAL COMPARISON CHART



Foundation Construction Components	Tensionless (Deep)	Rock Anchor (Deep)	Soil Anchor (Deep)	Soil Auger (Deep)	Gravity Spread (Shallow)
Foundation quantities take-offs are based on supporting a Vestas V 100 1.8 MW @ 95 HH					
Bolts	12,500	24,300	2,4300	32,500	9,200
Rebar	1,300	36,000	3,6000	54,100	12,100
Emenbedment Rings	2,000	2,200	2,000	2,000	2,000
Base Steel		4,000	5,500		64,000
Concrete					
• Leveling Course		10	10	17	52
• Ftn Base	110	84	84	149	307
• Ftn Pedestal					99
• Slurry	120				
• Anchor Grout		5	49		
Excavation and Backfill	335	89	89	151	1,153
Total Steel	40,000 lbs	66,500 lbs	67,800 lbs	88,600 lbs	87,300 lbs
Total Concrete	230 CY	99 CY	143 CY	166 CY	458 CY
Total Excavation and Backfill	332 CY	89 CY	89 CY	151 CY	1,153 CY



Get Social With Us!

