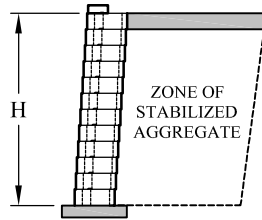
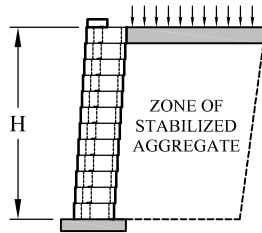


Estimating Chart for Anchorplex™ Construction with Vertica Pro® Retaining Wall Systems No Slopes and No Surcharges



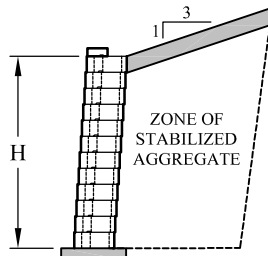
| | Clay and Silt Soils $\phi = 26^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$ | Silty / Clayey Sand Soil $\phi = 30^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$ | Clean Sand and Gravel Soil $\phi = 34^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$ |
|--------------------------------|---|--|--|
| 4'-0" (1200 mm) 6 Courses | <p>1'-0" [300 mm]</p> <p>0.22 x Wall Length = CY of Structural Backfill</p> | <p>1'-0" [300 mm]</p> <p>0.33 x Wall Length = CY of Structural Backfill</p> | <p>1'-0" [300 mm]</p> <p>0.33 x Wall Length = CY of Structural Backfill</p> |
| 6'-0" (1800 mm) 9 Courses | <p>1'-0" [300 mm]</p> <p>0.33 x Wall Length = CY of Structural Backfill</p> | <p>1'-0" [300 mm]</p> <p>0.33 x Wall Length = CY of Structural Backfill</p> | <p>1'-0" [300 mm]</p> <p>0.33 x Wall Length = CY of Structural Backfill</p> |
| 8'-0" (2400 mm) 12 Courses | <p>2'-0" [600 mm]</p> <p>0.74 x Wall Length = CY of Structural Backfill</p> | <p>1'-0" [300 mm]</p> <p>0.44 x Wall Length = CY of Structural Backfill</p> | <p>1'-0" [300 mm]</p> <p>0.44 x Wall Length = CY of Structural Backfill</p> |
| 10'-0" (3000 mm) 15 Courses | <p>2'-6" [750 mm]</p> <p>1.11 x Wall Length = CY of Structural Backfill</p> | <p>2'-0" [600 mm]</p> <p>0.93 x Wall Length = CY of Structural Backfill</p> | <p>2'-0" [600 mm]</p> <p>0.93 x Wall Length = CY of Structural Backfill</p> |
| 12'-0" (3600 mm) 18 Courses | <p>3'-6" [1050 mm]</p> <p>1.78 x Wall Length = CY of Structural Backfill</p> | <p>2'-6" [750 mm]</p> <p>1.33 x Wall Length = CY of Structural Backfill</p> | <p>2'-6" [750 mm]</p> <p>1.33 x Wall Length = CY of Structural Backfill</p> |

Estimating Chart for Anchorplex™ Construction with Vertica Pro® Retaining Wall Systems 250 PSF Surcharge



| | Clay and Silt Soils $\phi = 26^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$ | Silty / Clayey Sand Soil $\phi = 30^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$ | Clean Sand and Gravel Soil $\phi = 34^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$ |
|--------------------------------|---|--|--|
| 4'-0" (1200 mm) 6 Courses | <p>2'-0" [600 mm]</p> <p>0.37 x Wall Length = CY of Structural Backfill</p> | <p>1'-0" [300 mm]</p> <p>0.22 x Wall Length = CY of Structural Backfill</p> | <p>1'-0" [300 mm]</p> <p>0.22 x Wall Length = CY of Structural Backfill</p> |
| 6'-0" (1800 mm) 9 Courses | <p>3'-0" [900 mm]</p> <p>0.78 x Wall Length = CY of Structural Backfill</p> | <p>1'-6" [450 mm]</p> <p>0.44 x Wall Length = CY of Structural Backfill</p> | <p>1'-0" [300 mm]</p> <p>0.33 x Wall Length = CY of Structural Backfill</p> |
| 8'-0" (2400 mm) 12 Courses | <p>4'-0" [1200 mm]</p> <p>1.33 x Wall Length = CY of Structural Backfill</p> | <p>2'-0" [600 mm]</p> <p>0.74 x Wall Length = CY of Structural Backfill</p> | <p>1'-6" [450 mm]</p> <p>0.59 x Wall Length = CY of Structural Backfill</p> |
| 10'-0" (3000 mm) 15 Courses | <p>Wall design to be performed by a professional engineer</p> | <p>2'-6" [750 mm]</p> <p>1.11 x Wall Length = CY of Structural Backfill</p> | <p>2'-0" [600 mm]</p> <p>0.93 x Wall Length = CY of Structural Backfill</p> |
| 12'-0" (3600 mm) 18 Courses | <p>Wall design to be performed by a professional engineer</p> | <p>3'-0" [900 mm]</p> <p>1.56 x Wall Length = CY of Structural Backfill</p> | <p>2'-6" [750 mm]</p> <p>1.33 x Wall Length = CY of Structural Backfill</p> |

Estimating Chart for Anchorplex™ Construction with Vertica Pro® Retaining Wall Systems 3:1 Crest Slope



| | Clay and Silt Soils $\phi = 26^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$ | Silty / Clayey Sand Soil $\phi = 30^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$ | Clean Sand and Gravel Soil $\phi = 34^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$ |
|--------------------------------|---|--|--|
| 4'-0" (1200 mm) 6 Courses | <p>1'-6" [450 mm] 0.30 x Wall Length = CY of Structural Backfill</p> | <p>1'-0" [300 mm] 0.22 x Wall Length = CY of Structural Backfill</p> | <p>1'-0" [300 mm] 0.22 x Wall Length = CY of Structural Backfill</p> |
| 6'-0" (1800 mm) 9 Courses | <p>3'-0" [900 mm] 0.78 x Wall Length = CY of Structural Backfill</p> | <p>1'-0" [300 mm] 0.33 x Wall Length = CY of Structural Backfill</p> | <p>1'-0" [300 mm] 0.33 x Wall Length = CY of Structural Backfill</p> |
| 8'-0" (2400 mm) 12 Courses | <p>4'-6" [1350 mm] 1.48 x Wall Length = CY of Structural Backfill</p> | <p>2'-0" [600 mm] 0.74 x Wall Length = CY of Structural Backfill</p> | <p>1'-6" [450 mm] 0.59 x Wall Length = CY of Structural Backfill</p> |
| 10'-0" (3000 mm) 15 Courses | <p>Wall design to be performed by a professional engineer</p> | <p>2'-6" [750 mm] 1.11 x Wall Length = CY of Structural Backfill</p> | <p>2'-0" [600 mm] 0.93 x Wall Length = CY of Structural Backfill</p> |
| 12'-0" (3600 mm) 18 Courses | <p>Wall design to be performed by a professional engineer</p> | <p>3'-6" [1050 mm] 1.78 x Wall Length = CY of Structural Backfill</p> | <p>2'-6" [750 mm] 1.33 x Wall Length = CY of Structural Backfill</p> |