Estimating Chart for Geosynthetic Reinforcement with Tandem™ Retaining Wall Systems
No Slopes and No Surcharges

FOR ESTIMATING PURPOSES ONLY - NOT FOR CONSTRUCTION
Estimating Chart for Geosynthetic Reinforcement with Tandem™ Retaining Wall Systems
250 PSF Surcharge

Clay and Silt Soils
\( \gamma = 120 \text{ pcf (19 kN/m}^3) \)

Silty / Clayey Sand Soil
\( \gamma = 120 \text{ pcf (19 kN/m}^3) \)

Clean Sand and Gravel Soil
\( \gamma = 120 \text{ pcf (19 kN/m}^3) \)

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Estimating Chart for Geosynthetic Reinforcement with Tandem™ Retaining Wall Systems
3:1 Crest Slope

Clay and Silt Soils
\( \varphi = 26^\circ \)
\( \gamma = 120 \text{ pcf (19 kN/m}^3 \)

Silty / Clayey Sand Soil
\( \varphi = 30^\circ \)
\( \gamma = 120 \text{ pcf (19 kN/m}^3 \)

Clean Sand and Gravel Soil
\( \varphi = 34^\circ \)
\( \gamma = 120 \text{ pcf (19 kN/m}^3 \)

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