



Geoleed Geocell Construction Guide



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WhatsApp



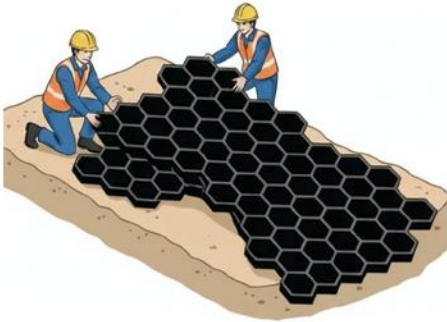
1. Prepare subgrade.
Remove debris, rocks.



2. Compact subgrade.



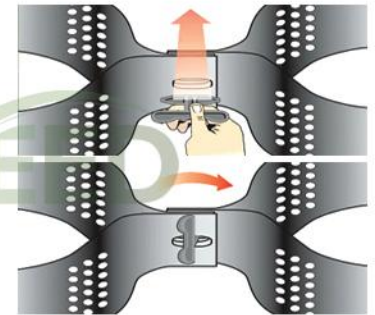
3. Install geotextile and overlap (If required, per mfg.).



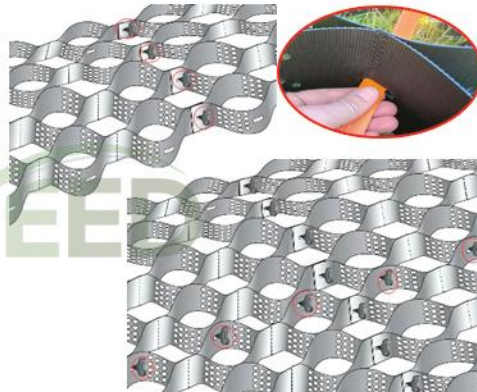
4. Partially expand Geoleed sections.



5. Connect Geoleed sections with connections.



6. Connect sections side-to-side and end-to end.



7. Hold sections open (use J-pins or Anchors or Wood stakes).



8. Infill Geoleed cells.



9. Spread infill.



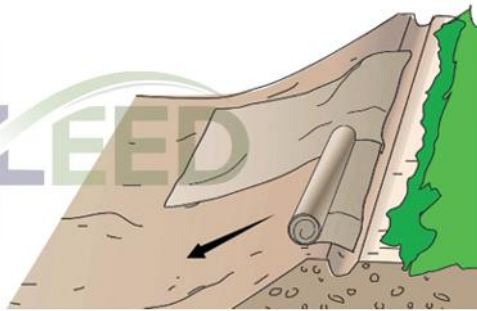
10. Compact infill.



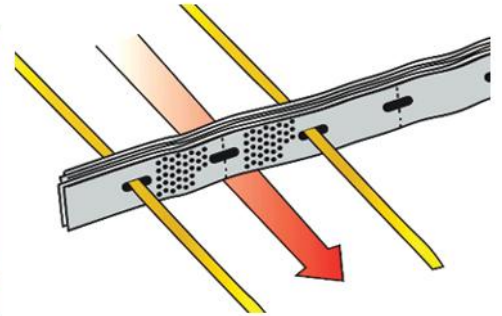
Geoleed Installation On Slope Protection System



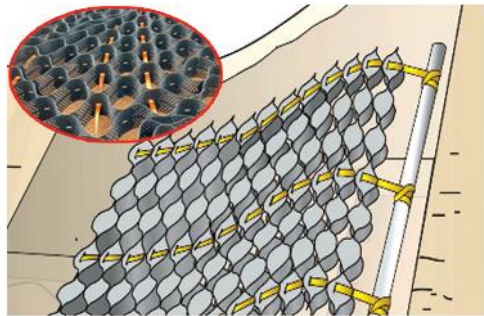
1. Prepare subgrade.



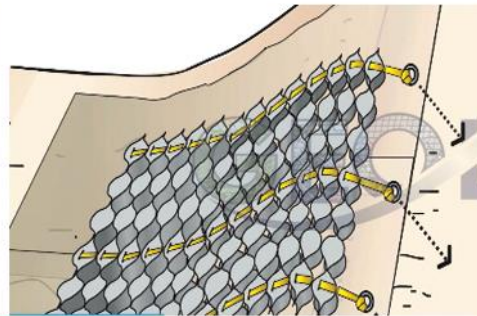
2. Install geotextile and overlap (if required, per mfg.).



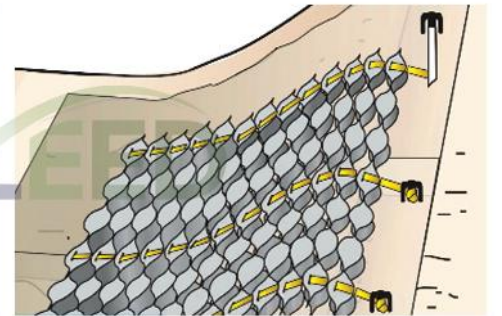
3. Thread tendons through cell wall slots per design.



A. "Deadman" Pipe

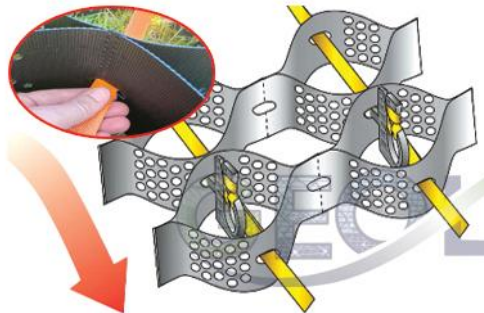


B. Earth anchors

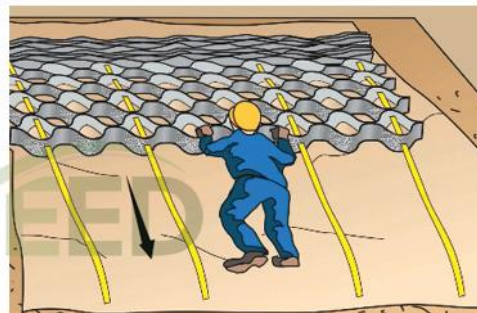


C. Anchors

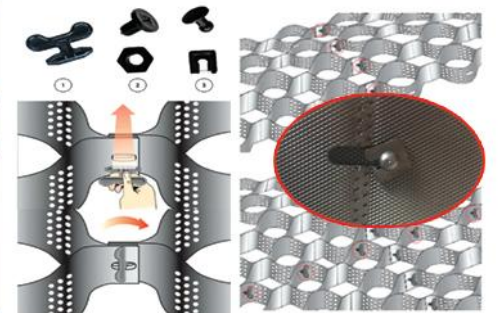
4. Secure tendoned Geoleed sections at the top of the slope with specified anchor system.



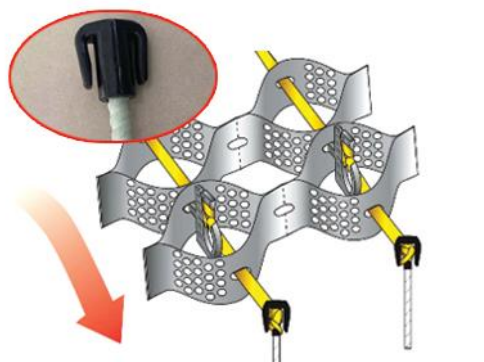
5. Install tendon clips per design.
Wrap tendon with anchors.



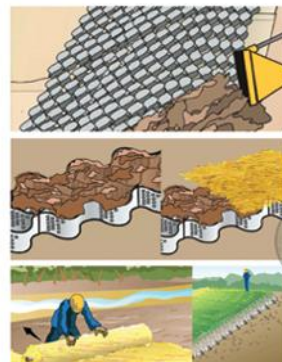
6. Expand sections down the slope.



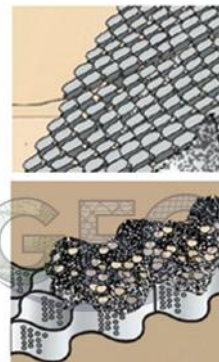
7. Connect Geoleed sections with connections. Connect sections side-to-side and end-to-end.



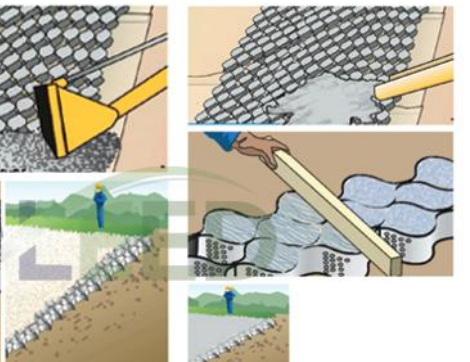
8. Anchor the bottom (toe) of the slope.



A. Top soil & Erosion Control Blanket



B. Aggregate



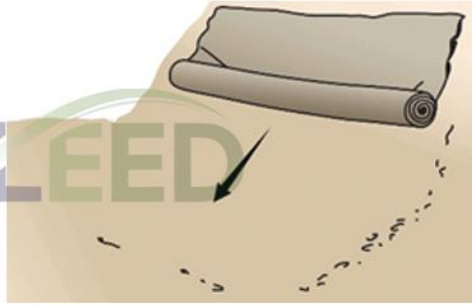
C. Concrete

9. Place infill from the top of the slope. Use equipment suitable for infill placement.

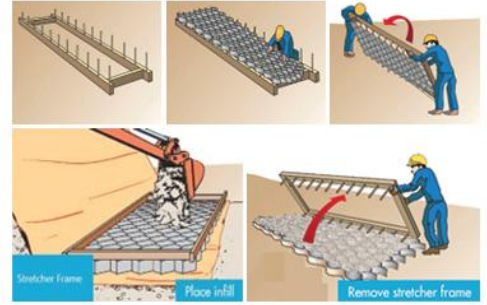




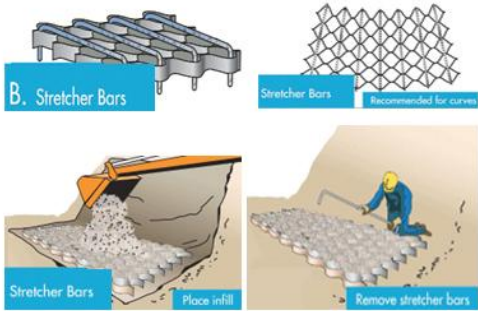
1. Prepare subgrade.
Remove debris, rocks.



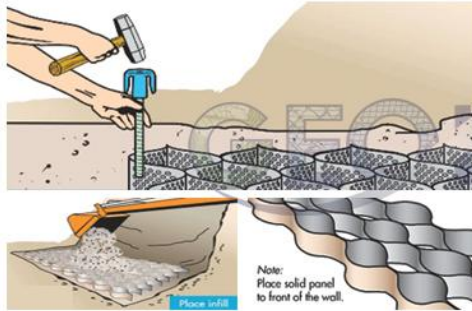
2. Install geotextile and overlap (if required, per mfg.).



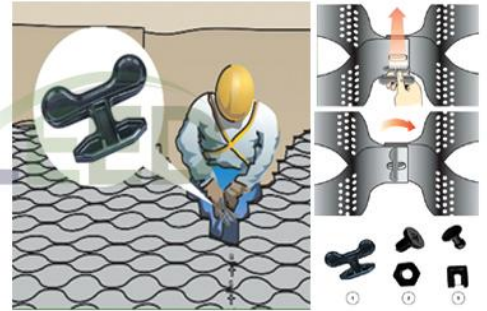
A. Stretcher Frame
3. Expand Geoleed wall sections with method A, B, or C.



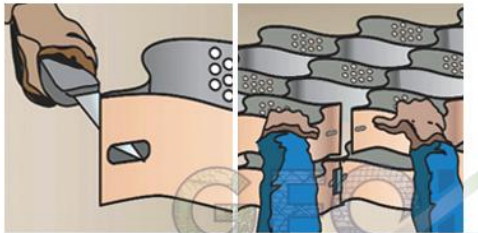
B. Stretcher Bars



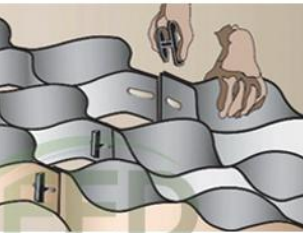
C. Anchors



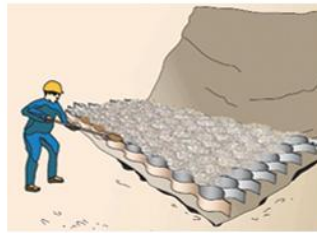
4. Connect Geoleed sections side-to-side with connections.



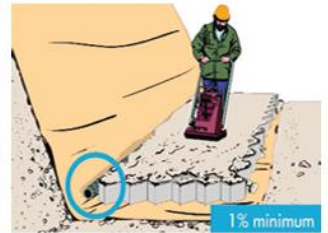
5. Cut Geoleed front fascia panels with utility knife to insert connections.



6. Install connections through overlap.



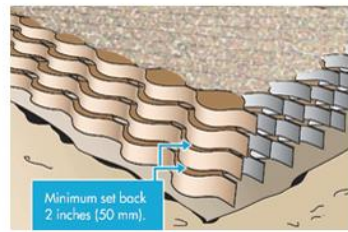
7. Backfill each layer.
Place topsoil in front cells.



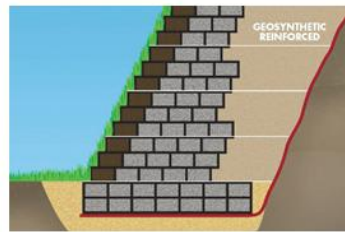
8. Compact infill.



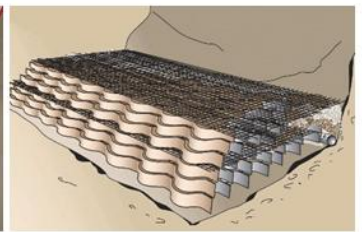
9. Remove excess material to expose top cell walls.



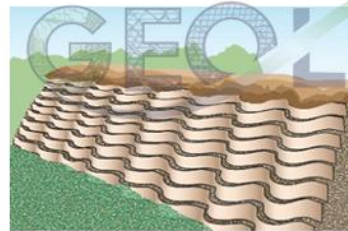
10. Install Geoleed layers as specified.



11. Install specified geogrid (Per manufacturer's recommendation)

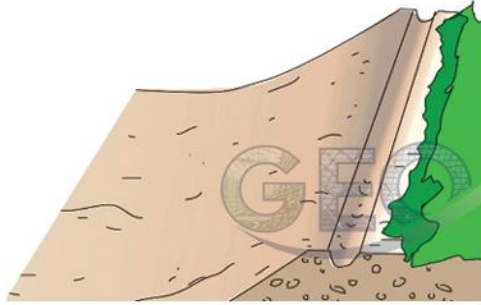


12. Apply seed by hand or hydroseed method.

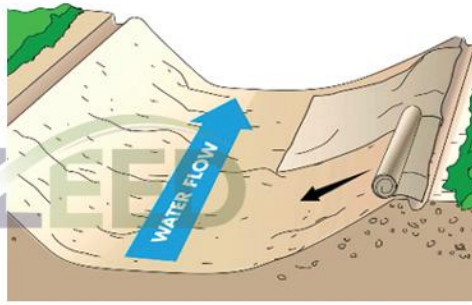


13. Completed vegetated retaining wall.

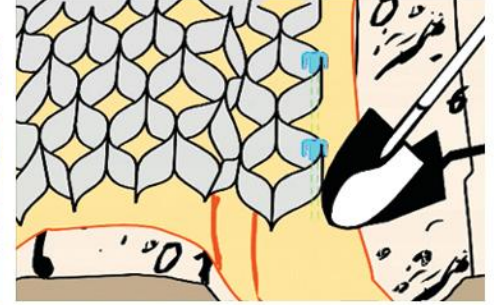




1. Prepare subgrade.



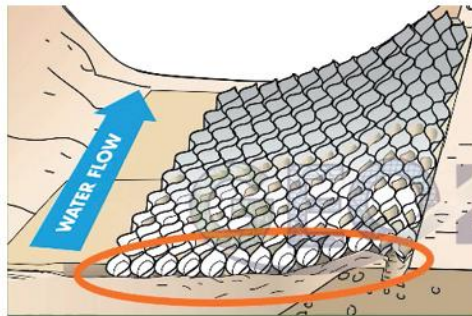
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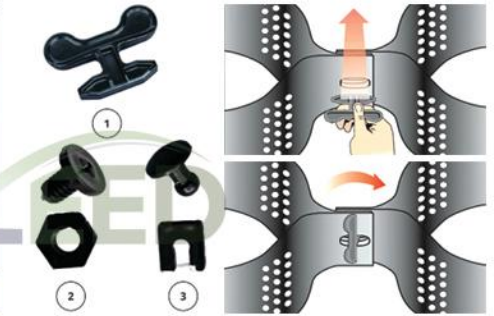
3. Secure sections with anchors at the top of the slope.



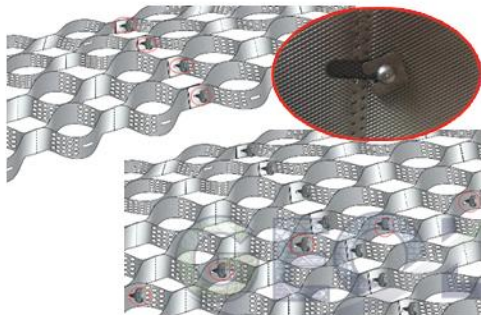
4. Expand sections down the slope.



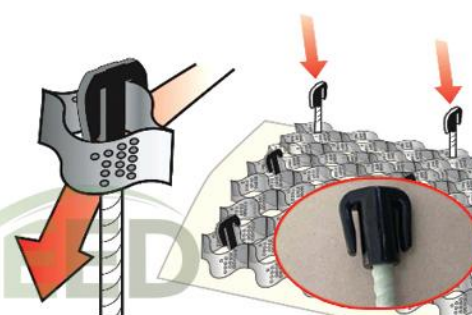
5. Toe in Geoleed at the upstream termination.



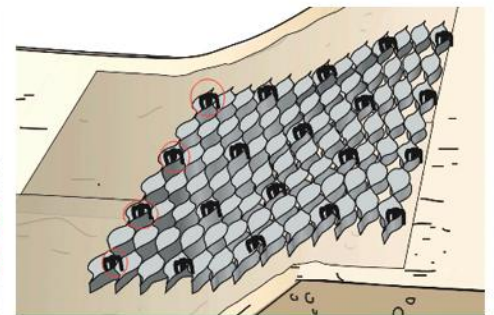
6. Connect Geoleed sections with connections.



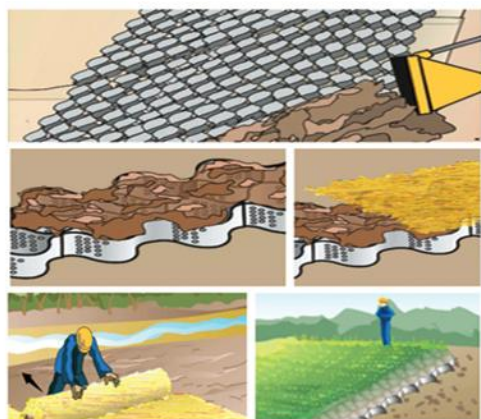
Connect sections side-to-side and end-to end.



7. Install internal anchors per design.



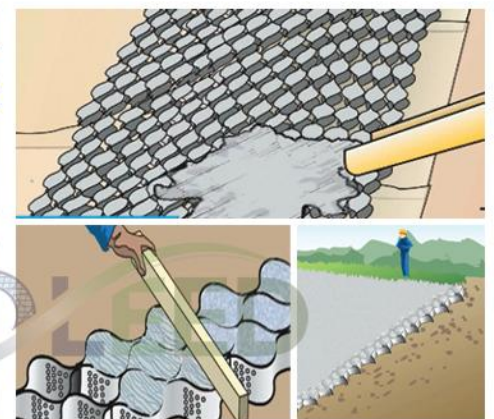
8. Install anchors at the bottom (toe) of the slope.



A. Top soil & Erosion Control Blanket



B. Aggregate



C. Concrete

9. Place infill from the top of the slope. Use equipment suitable for infill placement.

