DIAMOND SOCK

Instructions

For use in erosion and sediment control. Follow instructions for maximum effectiveness.

Placement

Diamond Sock should be placed on a flat level area in sections running perpendicular to the runoff flow direction from the area of disturbance.

Loose material (soil, mulch, sand, or fill) may optionally be placed along the upslope side, filling the seam between the soil surface and the sock, improving sediment retention.

Staking

Continuous Sock

Hardwood stakes shall be installed through the middle of continuous Diamond Sock at 10-ft intervals.

Diamond Sock may also be staked on the down slope side with stakes tilted downward wedging the sock in place. Staking depth for sand, clay, and silt loam soils shall be 12-inches.

Pre-Cut Sock

This sock be used in areas where machine access is difficult, the sock needs to be occasionally moved, or the Sock needs t run diagonal to grade. Diamond Sock sectional installation allows periodic "j-hooks" at section ends. This prevents parallel unchecked water flow that can undermine the Sock.

On Hard Surfaces

Heavy concrete blocks shall be used behind the sock to help stabilize during rainfall/runoff events. Where two sections meet, j-hook higher elevation end, or side overlap ends 1-2-ft and tightly side-butt. Stake through each end and add loose material as needed.

Diamond Sock Joint

Where two Sock sections meet on level grade, overlap the adjoining ends, tightly butt together, and stake through each end. Where Two sections meet on uneven grade, j-hook higher elevation end, stake, and begin new section just below. Use loose mulch to fill any voids in joint.

Maintenance

Diamond Socks should be inspected after each runoff event.
Sediment should be removed once it has accumulated to one-half the original height of the Sock.

Repair with handwork if a given section of Diamond Sock shows signs of undercutting. Reinforce with handwork if a given section of the Sock shows signs of pushing.

A given section of Diamond Sock shall be replaced whenever it has deteriorated to such an extent that the effectiveness is reduced or diminished. Deterioration could occur because of natural mesh fabric breakdown over time or abusive field activities such as dragging/moving on the job site or driving over the Diamond Sock.

Removal

Diamond Sock shall remain in place until disturbed areas have been stabilized.

All sediment accumulation at Diamond Sock shall be removed and properly disposed of before mun disassembling the Sock. Where allowed by law, the Diamond Sock may be cut open to spread filler material around the site. Netting shall be removed from job site.

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