STRATA

Installation Methodology

1.Site Preparation

The slope should be prepared, compacted and dressed properly and the geomembrane should be laid on the surface without any undulations.

1 Laid geomembrane

2. Crest Anchorage

The anchor trench should be excavated as per the size and shape required. A minimum distance of 500mm should be provided between trench and slope edge; to ensure that the anchor trench does not fail in shear. Care should be taken to ensure that there is no erosion or damage to the anchor trench.

2 Excavation of trench

3. Connection and Placement

The adjoining panels of StrataWeb® should be connected by Strata connectors as per the drawing in length & width. StrataCord should be passed through the perforation / slot prior to expansion of the StrataWeb® panels. The panel should be connected face to face or flap to flap. Care should be taken to ensure conformity of the installation of the connectors as per specified drawings..

3 Connection and Placement

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4. StrataWeb® Placement

The sections of StrataWeb® should be expanded in designed position. After laying StrataWeb® in the anchor trench, the trench is infilled with specified material. The StrataWeb® panels are then expanded in length down the slope in the prescribed manner. Care should be taken that the expanded area conforms to the specifications.

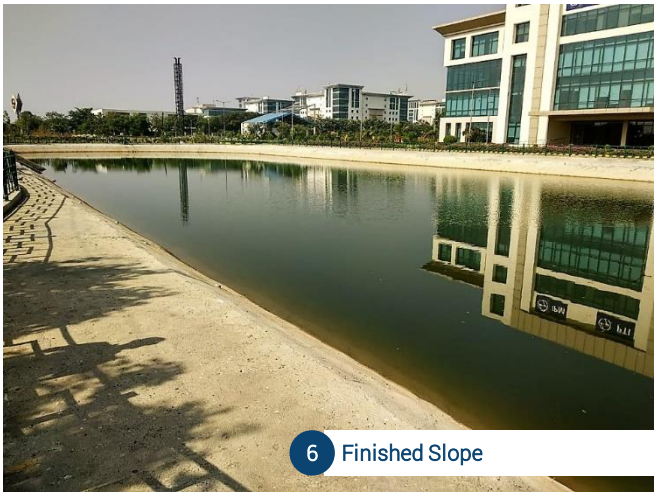
4 Placement of StrataWeb®

5. Infill

Infilling should commence from top and gradually progress towards the bottom. To prevent possible damage to the system, the height of infill drop should be limited to 0.5m. In case of concrete (grade shall be as specified on the drawing), the infill should overtop StrataWeb® just adequate to trowel smooth without the rim of StrataWeb® being visible.

5 Infilling with concrete

6. Finished Slope



6 Finished Slope

Note - The information above is given as a guide only. All sizes and weights are nominal figures and may vary to what is published. Strata Geosystem (India) Pvt. Ltd. will not be liable for damage caused by incorrect installation of this product. Final determination of the suitability of any information or material for the use contemplated and the matter of its use is the sole responsibility of the user and the user must assume all risk and responsibility in connection therewith. This field guide is provided as an aid to assessing the mechanical stabilization requirements in commonly encountered site conditions.