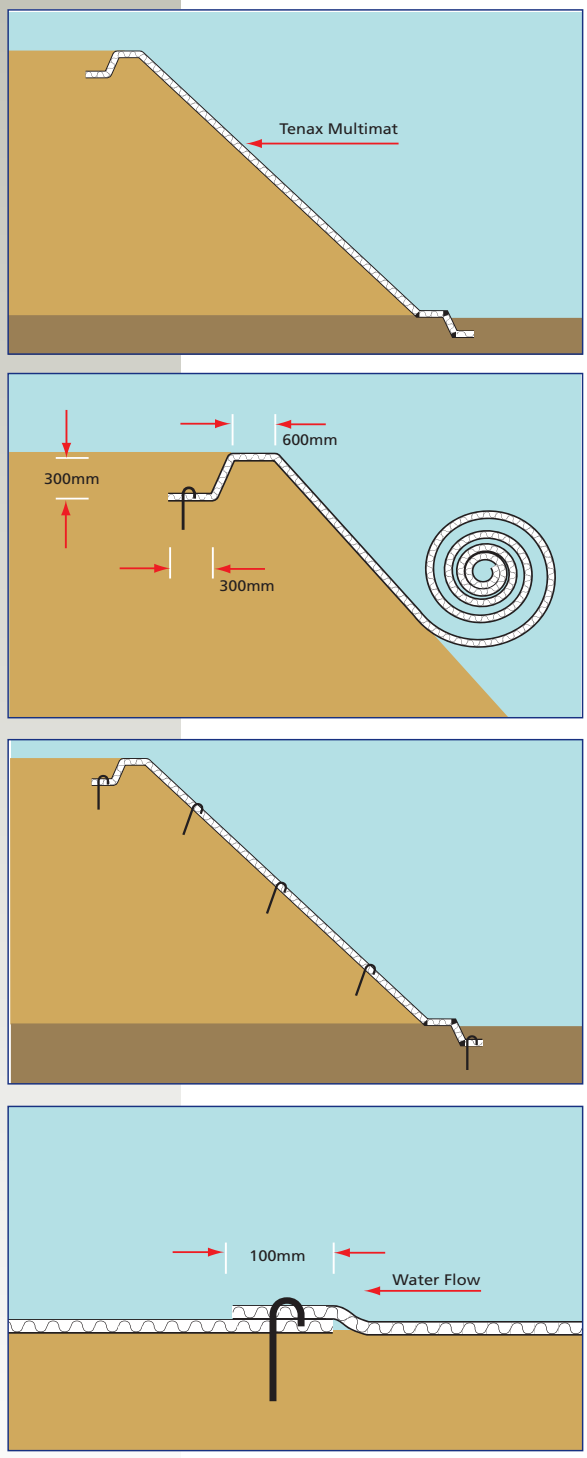
TENAX MULTIMAT GEOMAT
ON SLOPES AND CHANNELS



Contact the Tenax Geosynthetics Division if more specific advice is required.

Site Preparation
For both slope and channel applications, prepare the site to the design specifications (grade, geometry, soil compaction, etc.). The area should then be dressed to be free of soil clods, roots, stones or vehicle imprints of any significant size. Any voids should be filled in order to obtain a smooth and compact laying surface allowing the Multimat to fit flush against the ground surface contours.

Installation
Excavate Anchor Trenches
Anchor trenches are required to securely fasten the Multimat to the ground surface. For a slope application, anchorage at the crest can typically be provided by excavating a trench at least 600mm beyond the crest of the slope. The anchor trench should be at least 300mm wide and 300mm deep.

Note: Anchor trench details will vary depending upon application, soil type, slope or channel slope geometry, etc. Seek advice from the Tenax Geosynthetics Division.
The Multimat is installed into the trench and fastened at the bottom of the trench with 'U' shaped pins/staples (Min. 8mm diameter and typically 150-300mm in length depending on consistency of the sub-grade) a maximum of 1metre apart along the trench. The anchor trenches are then backfilled and compacted in a manner that does not damage the Multimat.
Unrolling of the geomat and filling of it on the slope can only be done after the Multimat is anchored on the crest.

Multimat Placement
Once anchored, deploy the Multimat by rolling down the slope or channel. Overlaps (edge to edge) between rolls should not be less than 100mm. The end to end detail between rolls should be overlapped in a tile manner and not be less than 750mm. All overlapping areas of the geomat should be in the direction of water flow.
Always securely fasten to the ground the edges of the Multimat and overlaps at intervals of 1-2metres with 'U' shaped pins/staples (depending on geometry of the slope or channel). Securely fasten down the centre of each roll staggering centreline fasteners between the outside fasteners.

Always lay Multimat so that contact with the soil is maintained at all times. After the Multimat is installed, go back over the Multimat and install additional fasteners as required to ensure the Multimat is in intimate contact with the soil.

Filling Multimat
Infilling can be performed manually or carried out using mechanical plant.

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