

VIRMAT L INSTALLATION INSTRUCTIONS

- Lay down **VIRMAT L** when the temperature is steadily higher than 5°C and lower than 33°C.
- 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 **VIRMAT L** to fit flush against the ground surface contours.
Level the soil ensuring that the external part is 30 cm minimum of the fertile vegetation soil.
- Anchor trenches are required to securely fasten the **VIRMAT L** to the ground surface.
For a slope application, anchorage at the crest can typically be provided by excavating a trench at least 500 mm beyond the crest of the slope. The anchor trench should be at least 300 mm wide and 300 mm deep.
Note: Anchor trench details will vary depending upon application, soil type, slope or channel slope geometry, etc.
Install the **VIRMAT L** into the trench and fasten at the bottom of the trench with 'U' shaped staples (150-30 mm in length depending on consistency of the sub-grade) a maximum of 1 meter apart along the trench.

The green side of the bio-textile VIRESCO must be in contact with the soil.

The anchor trenches are then backfilled with soil and compacted in a manner that does not damage the **VIRMAT L**.

Unrolling of the geomat and filling of it on the slope can only be carried out after the **VIRMAT L** is anchored on the crest.

Once anchored, deploy the **VIRMAT L** by rolling down the slope or channel.

- The overlap (edge to edge) between rolls is recommended only on the transversal unrolling and it should not be less than 100 mm. The rolls should be overlapped in a tile manner, the highest one over the one below and in the direction of water flow in the water ways .
The laying should be done preferably from upstream to downstream.
- Always securely fasten to the ground the edges of the **VIRMAT L** and overlaps at intervals of 1-2 m 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 **VIRMAT L** so that contact with the soil is maintained at all times.
In the case of very inclined surfaces, anchor the **VIRMAT L** with U-shaped staples arranged in a quincunx * at an interval of approx. 1.00 m.
- **VIRMAT L** can be easily cut with a sturdy pair of scissors.
- After the **VIRMAT L** is installed, go back over the **VIRMAT L** and install additional fasteners as required to ensure the **VIRMAT L** is in intimate contact with the soil.
- To cover **VIRMAT L** with fine, dry, vegetable soil manually or by mechanical means (being careful not to damage it) and then lightly top up on top of it.
- Finally proceed with the irrigation; not more than once every couple of days. To irrigate for the first 25-30 days until the grass is completely settled.
- When **VIRMAT L** cannot be completely or partially covered with vegetable soil, we recommend to water it daily and even more often when the product is laid on very steep surfaces.

