

VIRMAT INSTALLATION INSTRUCTIONS

- Lay **VIRMAT** on surfaces of a max. inclination of 70° and within a range temperature permanently higher than 5° and lower than 30.
- Adjust the laying surface by removing any roots, vegetation, stones or debris, hoe 10 cm of soil, crumble the thickest pieces and level the ground so that **VIRMAT** can adhere to the soil without any void underneath.
- Dig an anchor trench 60 cm beyond the ridge: the trench has to be 30 cm in width and in depth. The trench dimensions may vary according to the type of application, to the soil, to the inclination and width of the slope. If necessary, dig another trench on the base of the slope that has to be covered.
- Place **VIRMAT** on the bottom of the trench and fix it in the centre with U-shaped staples (we suggest staples with 30 cm length and 5 mm diameter) each 1 m, this may vary according to the characteristics of the site.
Make sure that the green side of the product, made of the pre-seeded biotextile VIRESCO, is in contact with the soil.
Then fill the trench with soil and compact it gently.
- Unroll **VIRMAT**, make sure that it will remain in contact with the ground. Fix the margins of the rolls with U-staples at a distance that varies according to the inclination and the characteristics of soil and site; on average place 1 staple each 1-2 m² of geomat.
In order to improve the adherence we suggest to fix the staples also in the central part of the rolls and in all other areas where **VIRMAT** does not adhere perfectly to the soil;
In case of very sloped surface, anchor the geomats placing the U-shaped staples in quincunx* every 1,00 m.
- It is preferable to lay **VIRMAT** upstream to downstream with a 5 cm overlapping between the rolls.
When used in watercourses, overlap the upstream roll to the downstream one approx. 15 cm in the direction of the flow. Stones can be used in the trench at the base.
In case of horizontal laying, make a 10 cm overlapping between the rolls, always overlap the upper roll to the lower one along the slope.
- Cover **VIRMAT** by hand or using mechanical means with dry fine soil, be careful not to damage the geomat. Compact the soil gently and add other topsoil.
- Irrigate for the first 25-30 days until the turf has completely settled.
- **VIRMAT** can be cut and shaped with strong scissors.

