

## Biodegradable pre-seeded mat **VIRESCO® Coco**

Pre-sown biomat consisting of a network of intertwined natural coir fibers and pre-sown biotextile of completely cellulosic origin and fully biodegradable, including high-quality grass seeds and granular starter fertilizers (assembled in the lower part of the product).

### Applications:

Banks and embankments of watercourses, irrigation and drainage channels, lakes, rivers, road and railway embankments, slope protection, cover for landfills and quarries.

Material supplied on-site in rolls, accompanied by labels identifying the manufacturer, production batch, and product type.

### TECHNICAL DATA

<b>VIRESCO® Coco</b>	<b>400 gr</b>	<b>700 gr</b>
<b>COMPOSITION</b>	Coir, cellulose fibres, seeds	Coir, cellulose fibres, seeds
<b>STRUCTURE</b>	Bio-mat + pre-seeded biotextile	Bio-mat + pre-seeded biotextile
<b>STANDARD COLOR</b>	Brown + green	Brown + green
<b>TYPE OF MESH</b>	Square openings	Square openings
<b>MESH OPENING</b>	4 cm	2 cm
<b>VOIDS INDEX (*)</b>	70 % *	35 % *
<b>THICKNESS</b>	7 mm      EN ISO 9863-1	7 mm      EN ISO 9863-1
<b>WEIGHT</b>	630 g/m <sup>2</sup> EN ISO 9864	930 g/m <sup>2</sup> EN ISO 9864
<b>ROLL WIDTH</b>	200 cm      EN ISO 10320	200 cm      EN ISO 10320
<b>ROLL LENGHT</b>	50 m      EN ISO 10320	50 m      EN ISO 10320
<b>LONGITUDINAL TENSILE STRENGTH</b>	10,90 kN/m      EN ISO 10319	15,98 kN/m      EN ISO 10319
<b>TRANSVERSAL TENSILE STRENGTH</b>	10,59 kN/m      EN ISO 10319	11,60 kN/m      EN ISO 10319
<b>DURABILITY</b>	24/36 months	24/36 months

(\*) Calculated as the ratio between the volume of voids and the total volume of the biomat.  
All the dimensional values may be subject to ± 7%-8% variations

Upper side 400 gr



Upper side 700 gr



Bottom 400 gr and 700 gr



**VIRESCO® Coco**

## STORAGE ARRANGEMENTS

**VIRESCO® Coco**, supplied in rolls, must be moved paying attention not to damage the packaging. It must be kept in a dry place, protected from exposure to sunlight, away from flammable materials and sources of heat.

**VIRESCO® Coco**, kept dry in the packaging nylon, lasts approx. two years.

## APPLICATION METHODS

Adjust the laying surface by removing any roots, stones or debris and then level the ground.

Lay **VIRESCO® Coco** within a range temperature permanently higher than 5° and lower than 30°.

On slopes dig a trench 50 cm beyond the ridge of 15 cm of width and as many of depth (if necessary, prepare a second trench at the base of the slope to be covered).

Place **VIRESCO® Coco** in the trench, secure it with "U" shaped stakes of approx. 30 cm of length, cover and compact the trench; for the trenches at the base, in the case of canals, it is possible to use stones to anchor.

Unroll and lay **VIRESCO® Coco** over the entire involved area securing it approximately every 1-2 meters with U-shaped nails to ensure good adhesion between the soil and the biomat, making sure the biomat is in stable contact with the ground.

The installation should preferably be done from uphill to downhill; usually, overlaps are not necessary, but in the case of watercourses, overlap the roll uphill over the one downhill by about 10 cm in the direction of the flow.

In the case of horizontal installation, the overlap between adjacent rolls should be about 5 cm and can be done "like tiles," with the upper roll overlapping the lower one.

Water for the first 25-30 days until the grass is fully settled.