

Greenfix Embankment Mat 400 Heavy Duty Erosion Control Blanket

Application and Benefits

Greenfix Embankment Mat 400 is a heavy duty composite erosion control blanket consisting of a 100% coir blanket between two high-strength coir nets. Embankment Mat is designed for use on inherently stable freshly soiled slopes and embankments which are vulnerable to extreme erosion. Embankment Mat can also be used along riverbanks and watercourses which are subject to high-velocity water flows.



Product Characteristics

| Properties | |
|-------------------------------------|------------------------------------------|
| Fibre | 100% Coir |
| Total Weight | ~450g/m ² |
| Functional Longevity | 36 Months |
| Top Netting Type | Coir Netting 400g/m ² |
| Bottom Netting Type | Light |
| Top Netting Size | Same as Coir Netting 400g/m ² |
| Bottom Netting Size | 6 x 6mm |
| Top Netting Weight | 400g/m ² |
| Bottom Netting Weight | 4.8g/m ² |
| Stitching Thread | PP-thread (brown), UV-Stable |
| Stitching Thread Tensile Strength | 50 cN/dtex |
| Roll Sizes | 1.2m x 25m OR 2.4m x 25m |
| Weight Per Rolls | 24kg / 48kg |
| Standards | |
| Warp Threads per 10cm | 4.6 |
| Weft Threads per 10cm | 4 |
| Mesh Width | ~18 x 21mm |
| Tensile Strength in ends direction | 700 daN/m |
| Tensile Strength in picks direction | 600 daN/m |
| Open Area | 65% |
| Binding Point Distance | >2.0 / <2.5cm |
| Recommended Slope | 1:3 -1:2 |
| Recommended Flow | 2.4m/s (8 fps) |