

Discover the natural power of our GREENFIX<sup>®</sup> erosion control mat system made from Bavarian FSC<sup>®</sup>-certified wood fibres! Our high-quality GREENFIX<sup>®</sup> natural fibre blankets offer an effective solution for erosion control in any terrain. Our FSC<sup>®</sup> certificate guarantees that the wood for our mats comes from responsible and sustainable forestry.



| Properties                                      | TYPE 31S  | TYPE 31B  |
|---|---|-----------|
| <b>Fibre</b>                                    | <b>FSC<sup>®</sup> certified Wood Fibres</b><br>Picea abies and/or Pinus sylvestris |           |
| Fibre Content (%)                               | 100   | 100       |
| Weight total (g/m <sup>2</sup> )                | 1800  | 1900      |
| Weight Fibre (g/m <sup>2</sup> )                | 380   | 380       |
| Weight Seed Mixture (g/m <sup>2</sup> )         | 30  | 30        |
| Weight Mulch layer (g/m <sup>2</sup> )          | 100   | 100       |
| Weight Seed Retaining Paper (g/m <sup>2</sup> ) | 30  | 30        |
| Organic Fertilizer g/m <sup>2</sup>             | 80  | 80        |
| Weight Substrate Soil TKS-1 (g/m <sup>2</sup> ) | 1200  | 1200      |
| Functional Longevity (month)                    | 18 - 24   | 12 - 18   |
| Netting Type                                    | Oxygrid <sup>®</sup>  | Jute Leno |
| Top Netting Size (mm)                           | 12 x 13   | 12 x 24   |
| Bottom Netting Size (mm)                        | 8 x 9   | 12 x 24   |
| Top Netting Weight (g/m <sup>2</sup> )          | 7,1   | 46        |
| Bottom Netting Weight (g/m <sup>2</sup> )       | 4,8   | 46        |
| Stitching thread                                | PP  | Jute      |
| Slope recommendation (V/H)                      | 1:3 – 1:1   | 1:3 – 1:1 |
| Flow recommendation (m/sec)                     | 2,1   | 2,1       |

| Standards  |                              |           |
|--|------------------------------|-----------|
| DIN EN ISO 10319 Tensile Strength (kN/m) MD x TD | 3,5 x 1,2                    | 4,2 x 2,9 |
| DIN EN ISO 10319 Elongation (%) MD x TD          | 17,2 x 17,4                  | 5,0 x 7,9 |
| DIN EN ISO 12958 Water flow capacity liter/(m*s) | 0,9                          | 0,9       |
| SKZ EC3-2:2012 Water absorption capacity         | 228%                         | 228%      |
| ASTM D4491 flow velocity, short term (m/sec)     | 2,92                         | 2,92      |
| Production Energy                                | 65 % solar – 35% hydro-power |           |

| Shipping & Order Information        | with PP-Netting |             | with Jute-Netting |             |
|-------------------------------------|-----------------|-------------|-------------------|-------------|
|                                     | GFX31S240_A     | GFX31S120_A | GFX31B240_A       | GFX31B120_A |
| Part No.                            |                 |             |                   |             |
| Bio-degradable / no-waste packaging | optional        | optional    | included          | included    |
| Width (meter)                       | 2,40            | 1,20        | 2,40              | 1,20        |
| Length (meter)                      | 15              | 15          | 15                | 15          |
| Area (square meter)                 | 36              | 18          | 36                | 18          |
| Weight per Roll (kg)                | 64              | 32          | 68                | 34          |

**Stitching:** All Blankets 4cm centers

**Weights:** All weights +/- 10%

The specifications presented herein are to the best of our knowledge true and accurate. SOILTEC GmbH cannot guarantee or warranty our products, unless agreed to in writing for specific conditions, for performance since the manner of handling, use and installation are beyond our control. We cannot warrant our products to perform under unlimited circumstances due variables such as soil conditions, manner of installation and particularly severe weather conditions.

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