# Description

- **Bi-Axial**
  - Made with 2 equal layers of oriented flax fibers
  - Made from flax hackled sliver, untwisted and parallel
  - Biobased and renewable material
  - Compatible with main resins

- **Slivers advantages:**
  - Fibers integrity
  - Better wettability
  - Economic
  - Flax fibers characterization
  - Tracability

### Bi-Axial Reinforcement Fabric 0X90°, 100% Hackled Flax Fibers

<table>
<thead>
<tr>
<th>REFERENCE</th>
<th>DESCRIPTION</th>
<th>FLAX QUANTITY (G/M²)</th>
<th>OPTION</th>
<th>WIDTH (MM)</th>
<th>ROLLER PACKAGING (M²)</th>
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</thead>
<tbody>
<tr>
<td>ML102G</td>
<td>Bi axial 0x90° 400 g/m²</td>
<td>400</td>
<td>Polyester grid 3x3 6.5g/m²</td>
<td>1220</td>
<td>100</td>
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<td>ML105G</td>
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### Bi-Axial Reinforcement Fabric 0X90°, Hackled Flax Fibers and Carbon Roving Blend

<table>
<thead>
<tr>
<th>REFERENCE</th>
<th>DESCRIPTION</th>
<th>FLAX QUANTITY (G/M²)</th>
<th>CARBON QUANTITY (G/M²)</th>
<th>CARBON REFERENCE</th>
<th>CARBON (G)</th>
<th>OPTION</th>
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<th>ROLLER PACKAGING (M²)</th>
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<tr>
<td>ML117G</td>
<td>Bi-axial 0x90° 200g/m² of flax in 0°, 160g/m² of carbon 24K and 200g/m² of flax in 90°</td>
<td>400</td>
<td>Roving carbon STS 40 24 K</td>
<td>160</td>
<td>Polyester grid 3x3 6.5g/m²</td>
<td>1220</td>
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<td>ML120G</td>
<td>Bi-axial 0x90° 200g/m² of flax in 0°, 320g/m² of carbon 48K and 200g/m² of flax in 90°</td>
<td>400</td>
<td>Roving carbon STS 40 48 K</td>
<td>320</td>
<td>Polyester grid 3x3 6.5g/m²</td>
<td>1220</td>
<td>100</td>
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</tbody>
</table>
2 PRIVILEGED IMPLEMENTATIONS

- Infusion

- RTM et RTM Light

- Molding

3 ADVANTAGES

- Density of 1.5g/m²
- Good rigidity
- Good fatigue resistance
- High shocks resistance
- Very good vibrations absorption
- Very good impregnation
- Good sound and thermal insulation

4 APPLICATIONS

- Sailing
- Industries
- Design
- Automotive
- Sports and leisure
- Building
- Aeronautic
- Railway
- Furniture

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  - 250 EMPLOYEES
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CONTACT SUPPORT:

TRISTAN MATHIEU
Technical and Composites Applications Manager
Tristan.mathieu@terredelin.com
Tel: 06 76 10 63 83
www.terredelin.com