



Terre de Lin

BI-AXIAL FLAX REINFORCEMENT FOR THERMOSET APPLICATIONS

2X45° BI-AXIAL FLAX REINFORCEMENT FABRIC



1 DESCRIPTION

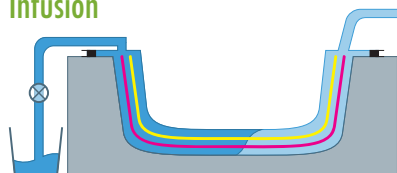
- ▶ **Bi-Axial**
 - Made with 2 equal layers of oriented flax fibers
 - Made from flax hackled sliver, untwisted and parallel
 - Biobased and renewable material
 - Compatible with main resins
- ▶ **Slivers advantages:**
 - > Fibers integrity
 - > Better wettability
 - > Economic
 - > Flax fibers characterization
 - > Tracability

BI-AXIAL REINFORCEMENT FABRIC 2X45°, 100 % HACKLED FLAX FIBERS

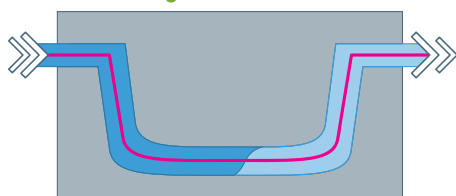
REFERENCE	DESCRIPTION	WIDTH (MM)	ROLLER PACKAGING (M²)
ML001	Bi axial 2x45° 300 g/m²	1530	60
ML002	Bi axial 2x45° 400 g/m²	1530	60
ML003	Bi axial 2x45° 250 g/m²	1530	60
ML004	Bi axial 2x45° 350 g/m²	1530	60
ML005	Bi axial 2x45° 500 g/m²	1530	60
ML006	Bi axial 2x45° 600 g/m²	1530	60
ML007	Bi axial 2x45° 750 g/m²	1530	60

2 PRIVILEGED IMPLEMENTATIONS

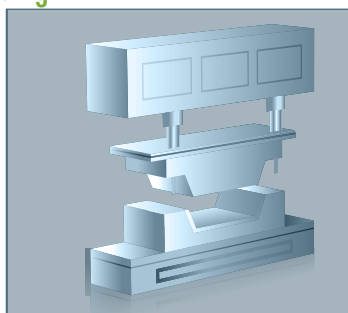
► Infusion



► 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

2X45° BI-AXIAL FLAX REINFORCEMENT FABRIC



TERRE DE LIN GROUP

- FROM FLAX FIBERS TO COMPOSITES
 - 650 FARMERS
 - 250 EMPLOYEES
- WORLDWIDE LEADER OF FLAX FIBERS PRODUCTION
- 145 MILLIONS EUROS OF TURNOVER
 - FRENCH PRODUCTION

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