

EXPERT IN NATURAL FIBERS REINFORCEMENTS FOR COMPOSITES

EcoTechnilin

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NATURAL, RENEWABLE AND LOCAL RAW MATERIALS



MATS



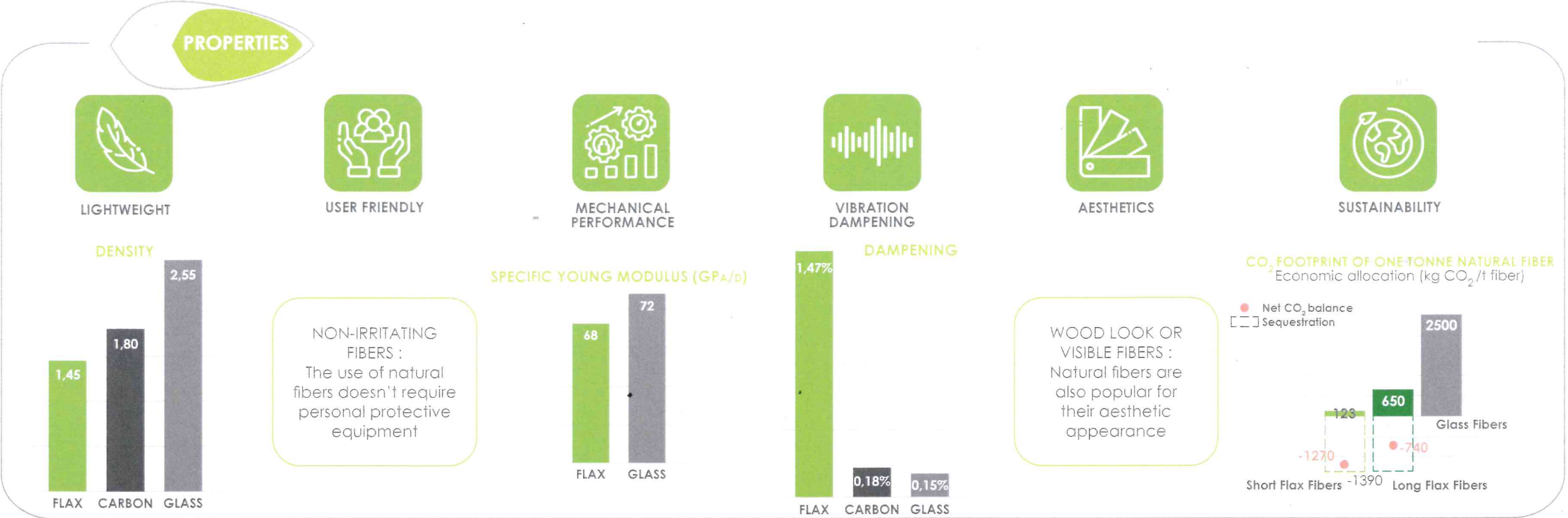
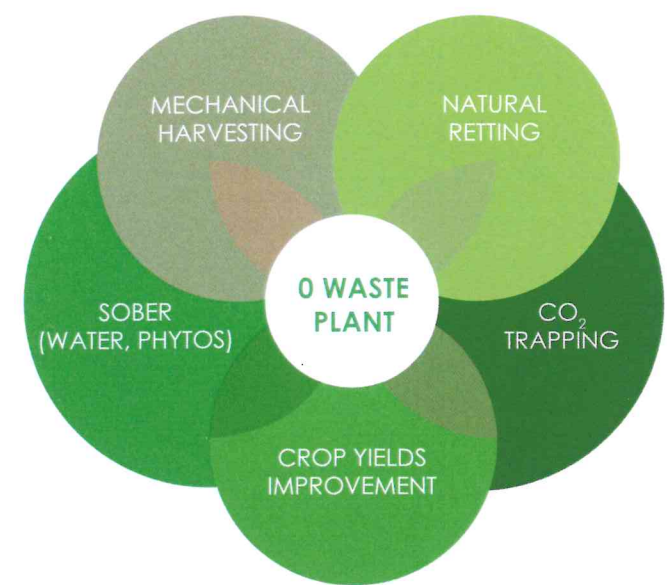
FABRICS



UNIDIRECTIONALS

EcoTechnilin's bio-based products are of interest to manufacturers seeking to reduce the environmental footprint of their composites.

ENVIRONMENTAL BENEFITS OF FLAX AND HEMP



	REINFORCEMENTS													PRE-PREG	
RANGE	MATS				TECHNICAL FABRICS TWILL 2/2			UNIDIRECTIONAL						UNIDIRECTIONAL PRE-PREG	
	FIBRILIGHT™				FIBRIMAT™			FLAXDRY™			FLAXDRY™			FLAXTAPE®	
PRODUCT COMPOSITION*	100% Flax (F) or Hemp (H) Short fibers				100% Flax (F) Short fibers			100% Flax (F) Short fibers			100% Flax (F) Long fibers Cross-stitched			100% Flax (F) Long fibers 100% fibers 0° direction	
BENEFITS	Lightweight - Surface veil Cosmetic - Smooth surface finish				Core material - Cosmetic - Cost effective			Vibration damping - Cosmetic			Maximum strength - Cosmetic			Maximum strength - «Wood look» - Lightweight	
PRODUCT REFERENCE	F100	H100	F150	H150	F300	F450		BL200	BL360	BL550	UD180		FT 100	FT 200	FT 300
FIBERS AREA WEIGHT (g/m²)	100		150		300	450		200	360	550	180		100	200	300
LENGTH	200 m				20 m	15 m		30 m			30 m		90 m	60 m	30 m
WIDTH	480 mm				1000 mm			1000 mm			1000 mm			600 mm/ 1270 mm	
PROCESS	● ● ●				● ●			● ●			● ●			● ● ●	

* European origin



HOW TO PROCESS ?

- HAND LAY UP
- INFUSION
- RTM
- COMPRESSION MOLDING
- OUT OF AUTOCLAVE CURING
- AUTOCLAVE CURING

Compatible with most biobased & conventional resins (epoxy, polyester, ...)

TYPICAL USES



MOBILITY



SPORTS & LEISURE



FURNITURE
& DESIGN



BUILDING &
CONSTRUCTION



MARINE



AEROSPACE



ENERGY



ELECTRICITY &
ELECTRONICS



WHO ARE WE ?

ECOTECHNILIN : THE SPECIALIST IN NATURAL FIBER REINFORCEMENTS

Contributing to reducing our environmental impact by promoting the use of biosourced materials is the main mission of EcoTechnilin.

With this mindset, EcoTechnilin designs and manufactures on an industrial scale a complete range of technical materials based on natural fibres (mainly flax, hemp and kenaf) or recycled fibres for advanced composite applications.

For 20 years, EcoTechnilin has been working with passion on these biosourced fibres. Thanks to its R&D department, the company offers real expertise in the technical use of these fibres.

To better serve its customers, EcoTechnilin has 3 production plants in France and Poland. It is ISO 9001 and 14001 certified and its CSR policy has been awarded the Gold Medal by Ecovadis.



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