

BASALTEX®

The thread of stone

In this **ENVIRONMENTALLY FRIENDLY** world we present the Basalt fiber as a new **INNOVATIVE** fiber extruded out of a **NATURAL ROCK** as your fiber reinforcement increasing strength and stiffness compared to traditional materials.



The **Tecnifibre Carboflex 140 Basaltex** top selling squash racket incorporates Isomorph Shaft technology with **Basaltex Transmitters** to provide the player with the best combination of power and touch. The shaft's flex benefits provide a more appropriate racket suited to today's skillful touch player: powerful, fast and responsive.



Grown Freeride Skis are handmade in Europe since 2007. The construction's wood core is specifically designed for highest strength. The core is sandwiched with **Triaxial Basalt Fabric** delivered by BASALTEX - pure crushed and heated volcanic basalt rock. The basalt fibers are increasing the stiffness and the dampening performance of the wooden ski. All the wood is oiled in multiple layers with natural linseed oil.



M-TEK Element Ocean Blue Stick SSM005

Material innovations have enabled to create the Ocean, the first adult level composite with ZERO Carbon fiber. The Ocean has a fiberglass skeleton overlaid with **Basalt** and Kevlar to create great performance characteristics, with extra reinforcement applied at specific pressure points.

In this **Snowboard** construction the glass fiber has been replaced by **Basalt Fibers** !

Basalt is 100% inert, which means it has no toxic reaction with air or water, and is noncombustible. Basalt is also much easier to recycle than glass.

The Basalt fibers shows better tensile strength than regular fiberglass. This means better impact absorption, strength and elasticity. Because basalt has a higher strength to weight ratio, less is needed to produce snowboard.

NICHE ✳
SNOWBOARDS