



FIREWIRE 6'0" VOLCANIC SEASIDE QUAD SWALLOW FUTURES FINS

Code: HSEA-VOL-0600

€ 790,00 € 880,00 - 10%



FIREWIRE VOLCANIC SEASIDE QUAD SWALLOW ROB MACHADO SURFBOARDS FUTURES

Volcanic Tech is made from Basalt Fibers Extruded from Volcanic Rocks that are crushed, melted and extruded into woven fibers that make up the cloth. The manufacture of basalt fiber requires the melting of the crushed and washed basalt rock at about 1,500 °C (2,730 °F). The molten rock is then extruded through small nozzles to produce continuous filaments of basalt fiber. Those filaments are then chopped into long stem fibers and woven into lamination cloth fiber. The cloth has similar characteristics to carbon as it relates to strength and weight however because the fibers are derived from Organic Raw materials, when combined with Bio Resins it serves as better degradable ECO alternative than using traditional carbon fiber cloth.

Basalt fiber is a relative newcomer to fiber reinforced polymers (FRPs) and structural composites. It has a similar chemical composition as glass fiber but has better strength characteristics, and unlike most glass fibers is highly resistant to alkaline, acidic and salt attack making it a good candidate for surfboard manufacturing.

Compared to carbon and aramid fiber, it has the features of wider application temperature range -452° F to 1,200° F (-269° C to +650° C), higher oxidation resistance, higher radiation resistance, higher compression strength, and higher shear strength.

The cloth can withstand high temperatures unlike carbon fiber and as a result is heavily used the Aerospace industry in the creation of rockets and jet engines. The elasticity characteristics of this fiber is higher than that of traditional Carbon fiber allowing the board to have more flex for a natural feel under foot.

DIMENSIONS

- 5'2 x 20 x 2 5/16 - 26.5L
- 5'3 x 20 5/16 x 2 3/8 - 28.2L
- 5'4 x 20 5/8 x 7/16 - 29.8L
- 5'5 x 20 15/16 x 2 1/2 - 31.5L
- 5'6 x 21 1/4 x 2 1/2 - 32.7L
- 5'7 x 21 5/8 x 2 1/2 - 33.6L
- 5'8 x 21 15/16 x 2 9/16 - 35.4L
- 5'9 x 22 1/4 x 2 5/8 - 37.3L
- 5'10 x 22 5/8 x 2 11/16 - 39.4L
- 5'11 x 22 3/4 x 2 3/4 - 41.1L
- 6'0 x 22 7/8 x 2 15/16 - 44.8L
- 6'1 x 22 15/16 x 3 - 46.5L

Surfcorner Store

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