



### Tiderace Core Technology

**Tiderace Core Technology** – a specially formulated epoxy resin in a multi-layer laminate, with an additional resin supported core. Performance laminates that give significantly stronger, stiffer and lighter kayaks, far exceeding a typical polyester resin, fibreglass construction.

Epoxy resin is infused into our kayaks under full vacuum then post-cured at elevated temperatures to create the strongest sea kayaks.

### TCT Core

**TCT Core** makes use of the structural 'I-Beam' principle of strengthening and stiffening structures. By using the very best fibre reinforcements and epoxy resin to make up both inner and outer layers, and a core material that structurally connects these layers, Tiderace achieves a structural composition that's second to none. By simply test-paddling our boats, this performance advantage becomes obvious and measurable.

### Advanced hull and deck joins

The hull and deck join consists of a full epoxy laminate overlap on both inner and outer surfaces to give the strongest joint possible. The outer surface is then gelcoated and polished for an immaculate, seam free finish – a first in sea kayak construction.

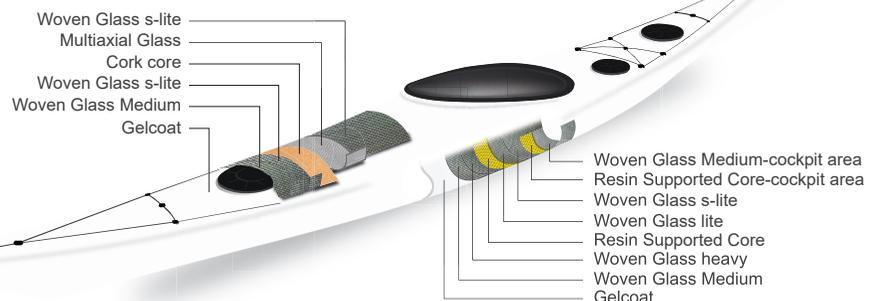
## CONSTRUCTION OPTIONS

### G-Core Epoxy N7



The bedrock of the Tiderace constructions, much stronger than competitors' standard boats.

- Multiaxial glass cloth encapsulates the resin supported core material
- Extra localised reinforcing is employed in high stress areas
- Vacuum-infused, heat-cured epoxy

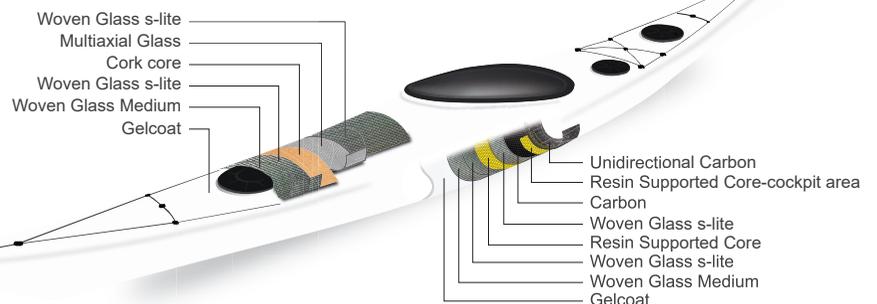


### Hardcore Epoxy N8



Aspirational, the toughest and most durable of the Tiderace constructions.

- Resin supported core
- Multiple layer composite hybrid of multiaxial fiberglass and Carbon
- Vacuum-infused, heat-cured epoxy



### Carbon Epoxy N9



**Carbon Epoxy** is light, stiff, and extremely strong in the water. Lighter weight provides easier handling and stiffness is ideal for racing, fitness training or light fast touring. Perfect for ultimate speed and handling less suited to the rigours of expedition.

- Resin supported cork and foam core
- Combination of lightweight biaxial glass, unidirectional carbon and Carbon layers to deck and hull
- Vacuum-infused, heat-cured epoxy

