

## Grades/construction

All Swift Racing Shells share these features;

- "Sandwich" construction (ie. A core material such as honeycomb, coremat, or PVC foam is sandwiched between 2 "skins").
- Use epoxy resin, cured at high temperature.
- Bonded under vacuum.
- Enclosed seat decks for maximum buoyancy (exceed FISA's requirement).

### Carbon Pro

#### Overview

For use in top level competition.

#### Hull

Honeycomb core with inner and outer skins of prepreg carbon, and prepreg carbon reinforcing.

#### Saxboards

Honeycomb core with inner and outer skins of prepreg carbon, and prepreg carbon reinforcing.

#### Canvas decks

Honeycomb core with inner and outer skins of prepreg carbon.

#### Seat deck

Honeycomb core with inner and outer skins of prepreg carbon.

### Elite Carbon

#### Overview

For use in top level competition.

#### Hull

Honeycomb core with inner and outer skins of carbon, and carbon reinforcing.

#### Saxboards

Honeycomb core with inner and outer skins of carbon, and carbon reinforcing.

#### Canvas decks

Honeycomb core with inner skin of prepreg carbon, outer skins of carbon.

#### Seat deck

Closed cell PVC foam core with inner and outer skins of carbon.

### Elite Plus

#### Overview

For use in top level competition.

#### Hull

Honeycomb core with inner skin of mostly carbon cloth, outer skin of kevlar, and carbon reinforcing

#### Saxboards

Honeycomb core with inner skin of carbon cloth, outer skin of kevlar, and carbon reinforcing

#### Canvas decks

Honeycomb core with inner skin of prepreg carbon and outer skin of kevlar.

#### Seat deck

Closed cell PVC foam core with carbon and kevlar skins.

### Club A

#### Overview

Mainly for training purposes, although with only a small weight disadvantage over Elite Plus boats, can still be highly competitive.

#### Hull

Coremat core with kevlar skins, and carbon reinforcing.

#### Saxboards

Honeycomb core for 2s, 4s and 8s, closed cell PVC foam for 1s, with carbon and kevlar skins, and carbon reinforcing.

#### Canvas decks

Honeycomb core with inner skin of prepreg carbon and outer skin of kevlar.

#### Seat deck

Closed cell PVC foam core with kevlar skins.

### Club B

#### Overview

Specifically built for training purposes. Quite heavy, but great "work horses" . This construction is relatively easy to repair.

#### Hull

Coremat core with fibreglass skins.

#### Saxboards

Honeycomb core for 2s, 4s and 8s, closed cell foam for 1s, with fibreglass skins, and carbon reinforcing.

#### Canvas decks

Honeycomb core with fibre glass skins.

#### Seat deck

Closed cell PVC foam core with fibre glass skins.