CODE:RED

PHASE3 GRADIENT BATTEN SYSTEM | CADCAM | METALEX II | KS OPTIC X-PLY TWISTED SPECTRA / ARAMID FIBRE | ARAMID TORSION FRAME

Design Objective

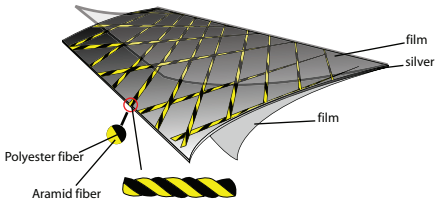
Increased speed, Reduced weight, Increased durability

Increased speed is achieved by the optimisation of the foils and tension, to significantly improve forward drive in the rig. This is further enhanced by reduced profiles in the upper part of the sail, to reduce sideways pull. Increase stability is achieved by increasing skin tension in certain areas of the rig, this locks the draft while keeping dynamic responsiveness in the head and leech area.

Reduced weight through the elimination of heavier 175 monofilm reinforcing areas. This reinforcing has been replaced by a combination of laminated X-Ply and our new Aramid Torsion Frame.

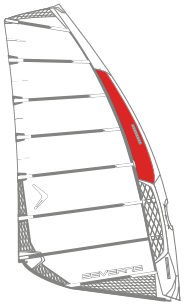
Increased durability is achieved through an improved transition of load throughout the rig. The Aramid Torsion Frame is engineered to carry much of the load through the higher tension areas. While we reduced load on mast through reduced cam pressure and luff curve.

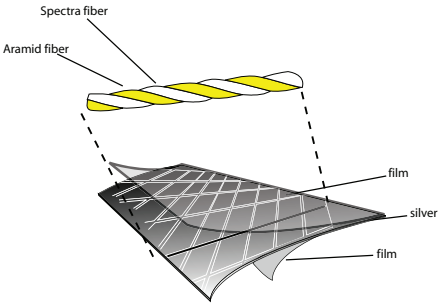
CODE:RED Technology



METALEX II

Our double surface sleeve features a Metalex II upper section, this is to ensure total UV protection of the mast as well as increased durability through the twisted Aramid reinforced laminate.

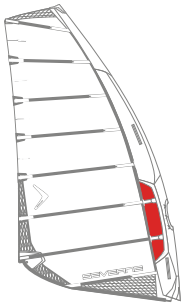




KS OPTIC X-PLY

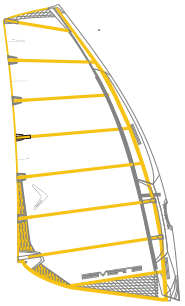
TWISTED SPECTRA / ARAMID FIBRE

Sleeve Window area. The KS Optic X-Ply is a twisted Aramid/Spectra laminate with wide yarn spacing for optimised visibility.



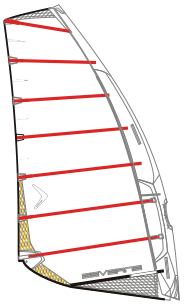
ARAMID TORSION FRAME

The Aramid Torsion Frame performs multiple roles for reduced rig weight, increased durability and long-term performance. The Aramid Fibres ensure a significant improvement over traditional fibres with regard to strength to weight ratio. This allows us to build the rig lighter and offer increased strength at the same time.The orientation of the Aramid fibres is optimised towards maximum loading and traditional weak spots in the sails. The orientation along the batten pockets ensures that the critical horizontal shaping does not become over stressed by high batten tension.



PHASE3 GRADIENT BATTEN SYSTEM

Although computer aided design is a commonplace in high-end sail development. The use of full computer cut panels in mass production is a key ingredient in ensuring that every Severne Code Red is identical to the prototypes that are winning races and undergoing the most intensive testing possible.



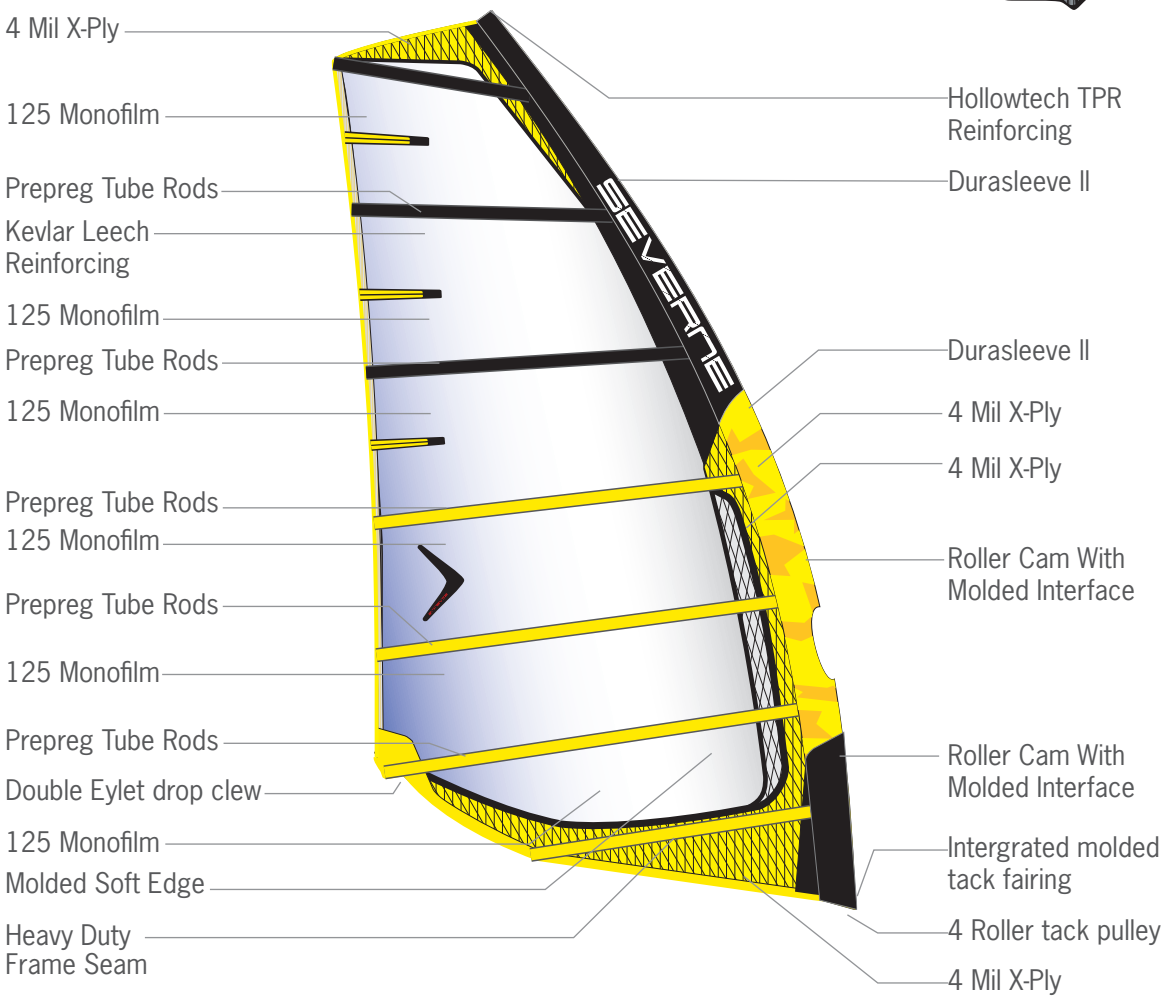
CADCAM

The use of full computer cut panels in mass production is a key ingredient in ensuring that every Severne Code Red is identical to the prototypes that are winning races and undergoing the most intensive testing possible.

Product Code	Size	Boom	Luff	Cams	Head	Recommended Mast
SES07CR12	12	TBC	TBC	4	Fixed	Red Line 560
SES07CR11	11	TBC	TBC	4	Fixed	Red Line 550
SES07CR10	10	TBC	TBC	4	Fixed	Red Line 530
SES07CR90	9	TBC	TBC	4	Fixed	Red Line 490
SES07CR77	7.7	TBC	TBC	4	Fixed	Red Line 460
SES07CR67	6.7	TBC	TBC	4	Fixed	Red Line 460
SES07CR61	6.1	TBC	TBC	4	Fixed	Red Line 430
SES07CR56	5.6	TBC	TBC	4	Fixed	Blue Line 400
SES07CR51	5.1	TBC	TBC	4	Fixed	Blue Line 400
SES07CR46	4.6	TBC	TBC	4	Fixed	Blue Line 370

*Last updated: December 22.05 *Subject to change without notice

OVERDRIVE



Shift into top gear

- Developed to appeal to sailors who are interested in racing, without the ongoing equipment maintenance and durability concerns.
- The Overdrive is a dedicated race and slalom sail that achieves exactly this.
- The innovative rig ergonomics have resulted in a sail that is faster for 90% of sailors than a traditional race sail due the ease of use.
- The OverDrive was developed to perform on lower carbon content masts (75% and up) and avoiding fragile components such as Carbon Tube battens and ultra light panels.
- New molded cam tongue with integrated Cam pressure adjustment.
- The boom dropout reduces boom length for improved performance with Aluminum booms.
- Formula Experience class approved the OverDrive offers maximum performance within the class requirements.
- Increased focus on durability ensures reduced cost of ownership for development, recreational and youth racers.
- Glass prepreg tube battens offer increased durability over Carbon versions.
- X-Ply head and foot area with a full durasleeve 220 Luff panel for improved long term performance.

Rig Ergonomics

- Derived from the characteristics of the Code Red where reduced back foot pressure allows the rider to transfer weight easier in gusts.
- The more forgiving feel of the Overdrive delivers a ride that is ultimately easier to use.

OVERDRIVE

Compared to the Code Red

The overdrive is slightly less rigid making it easier to use.
The overdrive is more focused on durability.

Compared to the C2

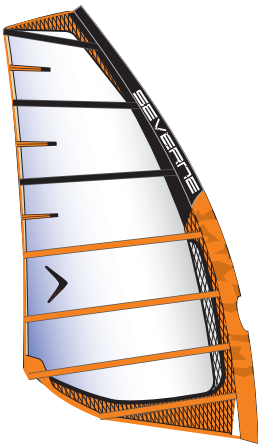
The Overdrive is more racing and speed oriented

Buy this sail if you want:

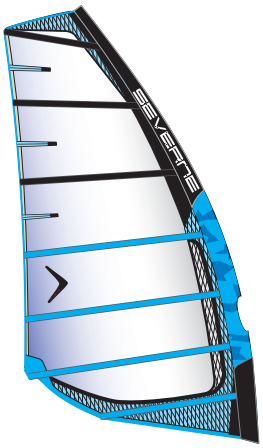
Race winning performance with increased durability an ease of use.

Board type

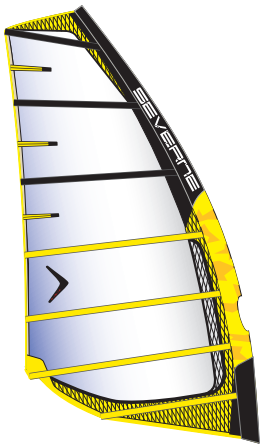
Ideally suited to FE (Formula Experience) boards, Slalom Boards, Race boards and FreeRace boards.



CC1 : Black/Orange



CC2 : Black/Blue



CC3 : Black/YELLOW

Product Code	Size	Boom	Luff	Cams	Head	Recommended Mast
SES07VD11	11	TBC	TBC	3	Fixed	Blue Line 540
SES07VD10	10	TBC	TBC	3	Fixed	Blue Line 520
SES07VD85	8.5	TBC	TBC	3	Fixed	Blue Line 490
SES07VD75	7.5	TBC	TBC	3	Fixed	Blue Line 460
SES07VD65	6.5	TBC	TBC	3	Fixed	Blue Line 460
SES07VD55	5.5	TBC	TBC	3	Fixed	Blue Line 430