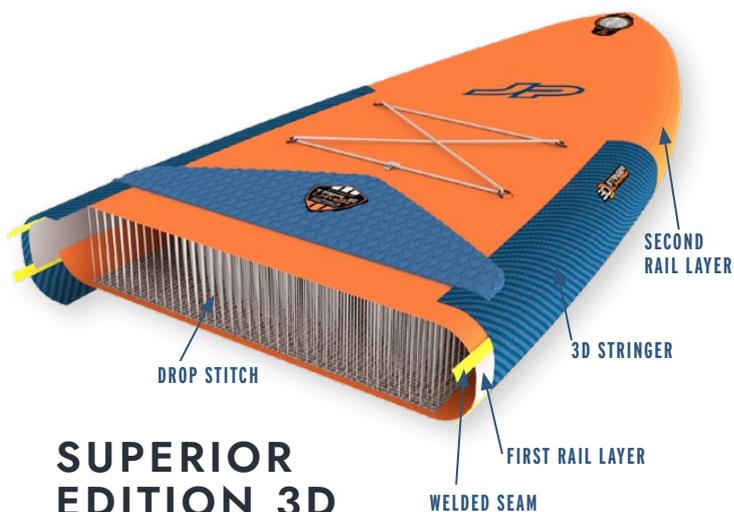




# INFLATABLE-TECH



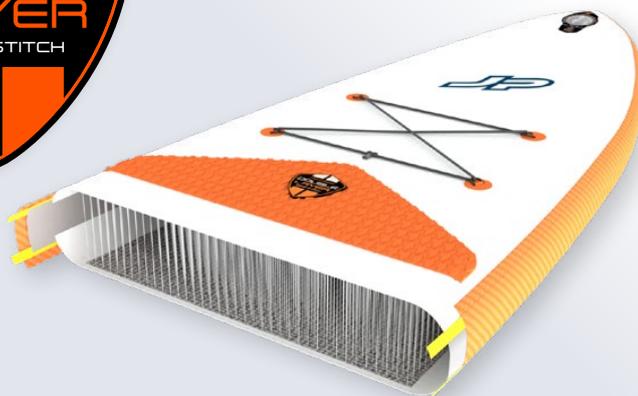
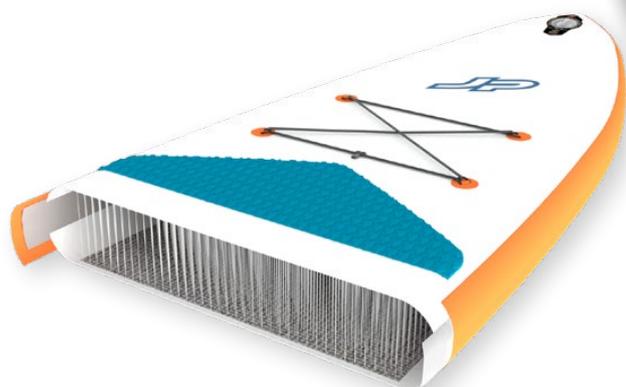
## SUPERIOR EDITION 3D STRINGER

The 3 pre-laminated composite layers consist of 2 airtight PVC sheets bonded to a Polyester 1000D fabric to create one super strong shell. This shell is then machine laminated directly onto the 500D Polyester Drop Stitch fabric. The pre-lamination and the composite structure create an unprecedented weight/stiffness/durability ratio over any inflatable SUP ever produced. The SE 3DS boards are offered in 6" thickness, with the exception of the SurfAir 9'7"x32" (4" thick).

### 3D STRINGER

The 3D stringer is the most innovative solution to increase the stiffness of an inflatable board. It connects the deck, rail and bottom into one strong and solid U-beam. This has increased the stiffness of the boards up to 30%. Furthermore, the 3D Stringer increased the glued overlap surface in the high-stress standing area, increasing the safety of the boards.





## SUPERLIGHT

Features: bungee, 2-color EVA deck pad, comfortable handle, double layer drop stitch

All the inflatable technologies feature:

- EVA Pad
- Diamond grooving + fine grooving for better gripping and comfort
- Simple operation Inflation valve
- Safe and fast push system
- US compatible Finboxes
- Easy mounting system without special tools

## LIGHT EDITION

The pre-laminated double layer Light Edition construction is the ultimate in lightweight inflatable construction. The machine-pre-laminated 2 layers of airtight PVC create a durable shell of accurate thickness. This shell is then machine laminated directly onto the 500D Polyester Drop Stitch fabric. We offer the LE boards in 5" and 6" thickness.

## PRE-LAMINATION

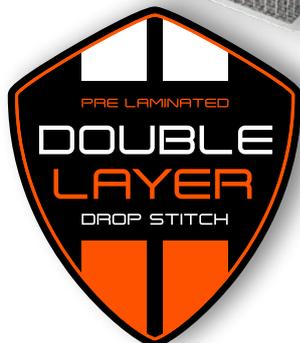
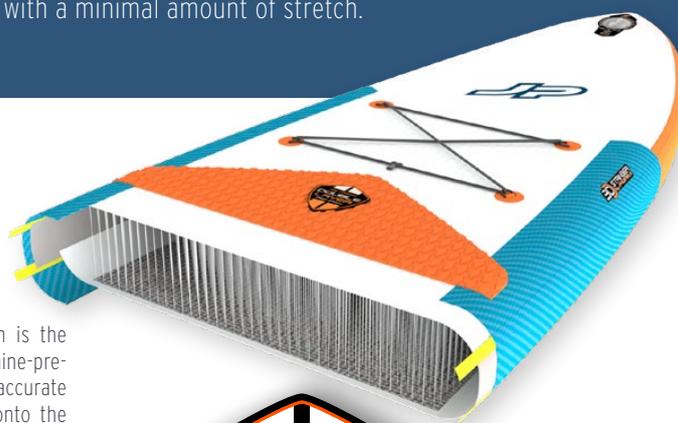
Our Triple Layer Composite and our Double Layer constructions both feature the specially developed process of pre-lamination. This high tech process consists of machine-lamination of the multiple layers into a shell that has accurate thickness as well as superior abrasion and stretch properties. Compared to normal double layer boards we have been able to remove the manual glue application from the process and with it the room for error, the excess weight of the glue and the additional health hazards for our workers. The fiber-reinforced layers create super strong and durable boards with a minimal amount of stretch.

## LIGHT EDITION 3D STRINGER

The pre-laminated double layer Light Edition construction is the ultimate in lightweight inflatable construction. The machine-pre-laminated 2 layers of airtight PVC create a durable shell of accurate thickness. This shell is then machine laminated directly onto the 500D Polyester Drop Stitch fabric. We offer the LE 3DS boards both in 5" (for lighter riders) and 6" thickness.

### 3D STRINGER

The 3D stringer is the most innovative solution to increase the stiffness of an inflatable board. It connects the deck, rail and bottom into one strong and solid U-beam. This has increased the stiffness of the boards up to 30%. Furthermore, the 3D Stringer increases the glued overlap surface in the high-stress standing area, further improving the safety of the boards.



WINDSURF

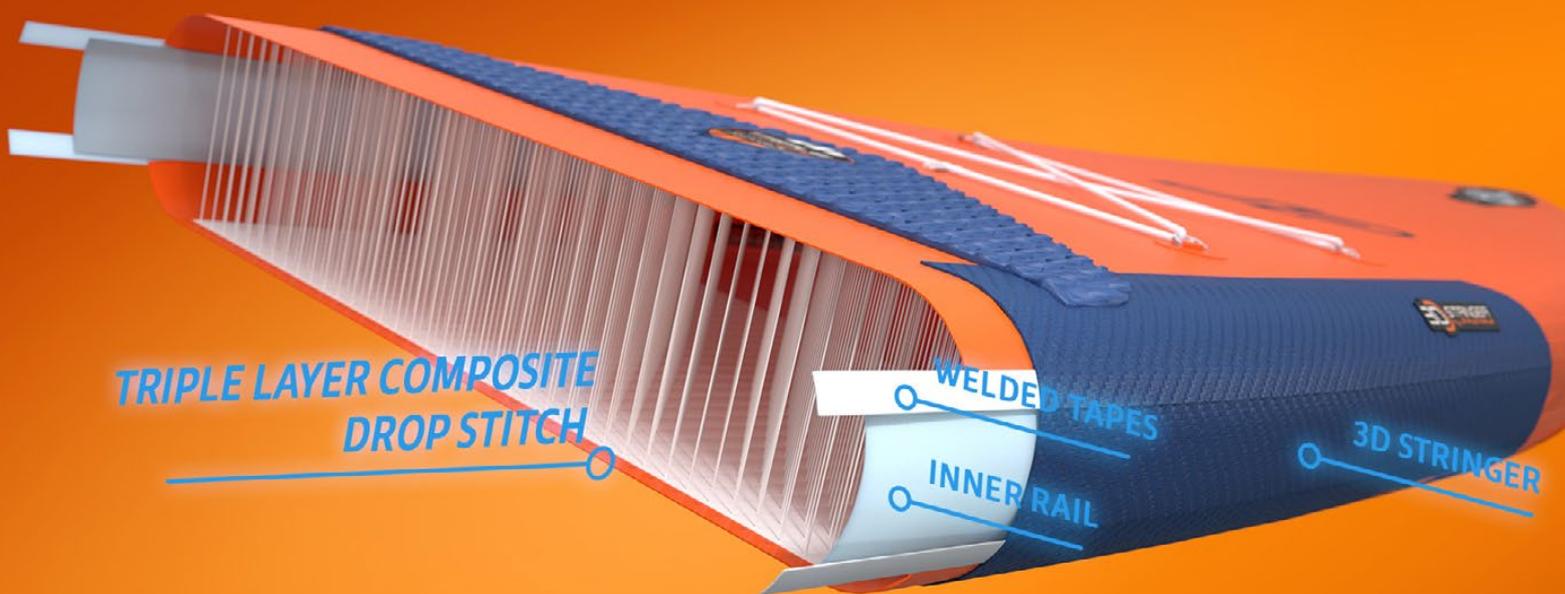
WING

SUP



# WELDED SEAM TECHNOLOGY »

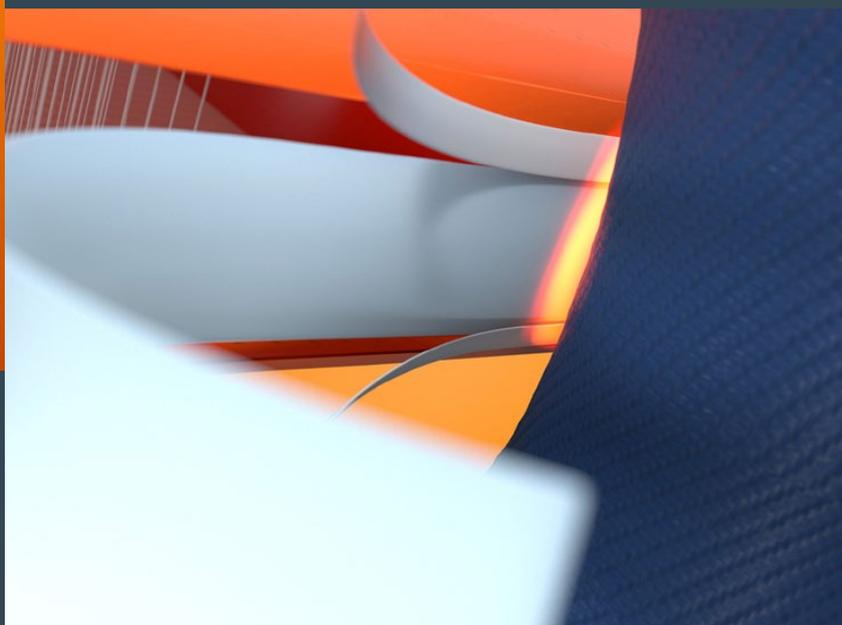
HIGHLIGHT:  
increased durability,  
airtightness and safety



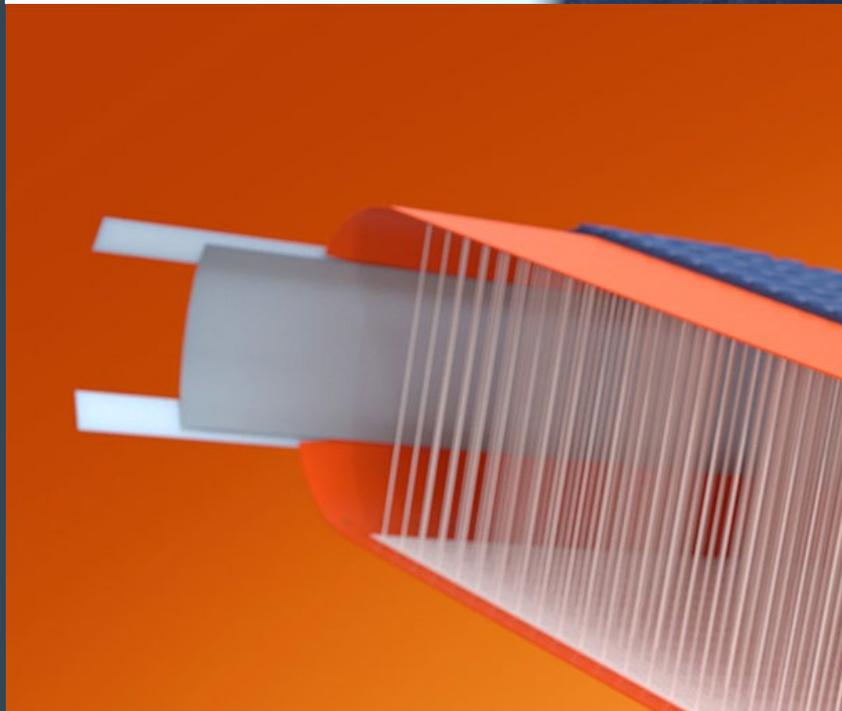


This technology is used in the following inflatable constructions across the entire range:

- » **Superior Edition 3DS** (SE 3DS)
- » **Light Edition 3DS** (LE 3DS)
- » **Light Edition** (LE)



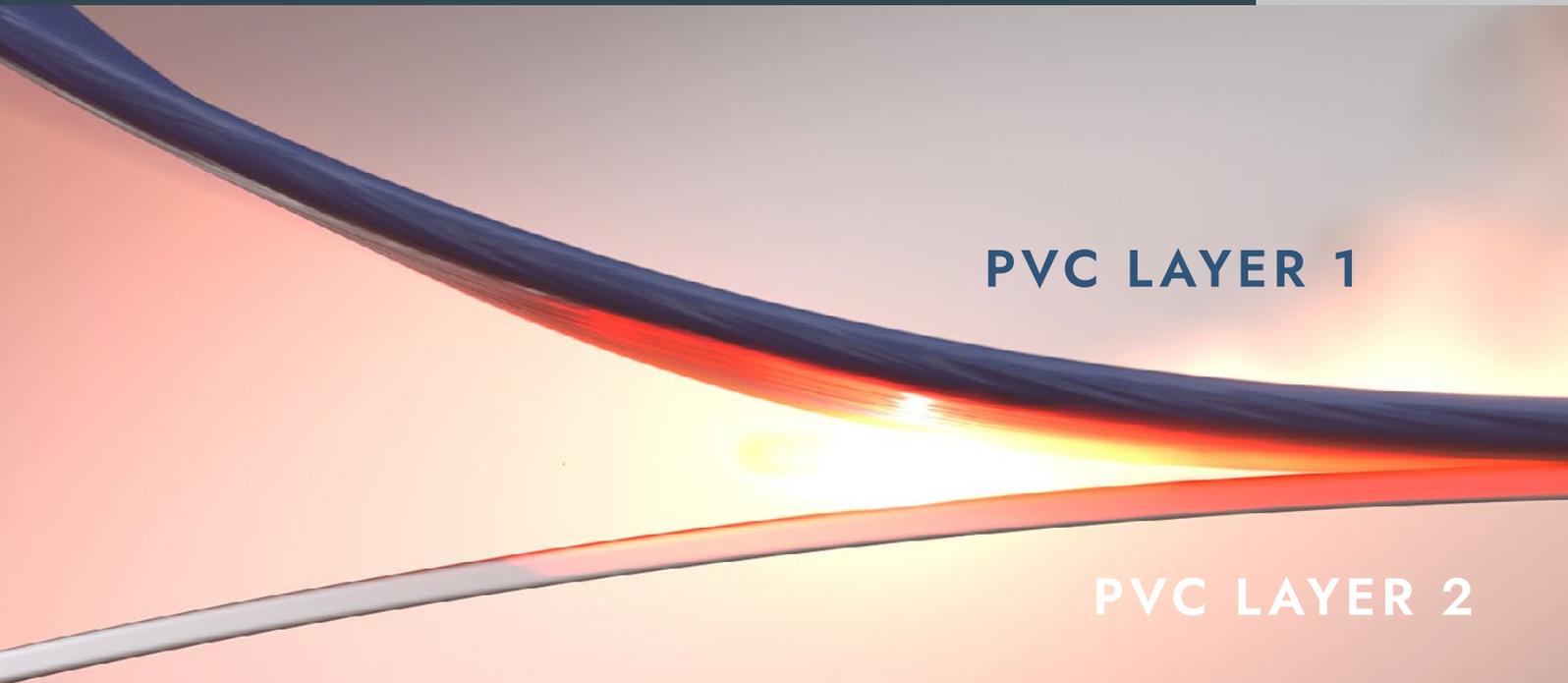
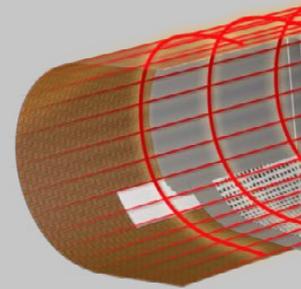
JP-Australia developed our Welded Seam Technology to increase the durability and airtightness of our inflatable boards. The connection between the rail and the drop stitch material is hot-air welded thus creating a very strong mechanical joint that turns these two parts into one. By fusing two different layers together into one part, the welding process makes the board safer and more durable. In contrast, in PVC boards, the plasticizers in PVC migrate over time and weaken the strength of the chemical bond of the glue used.





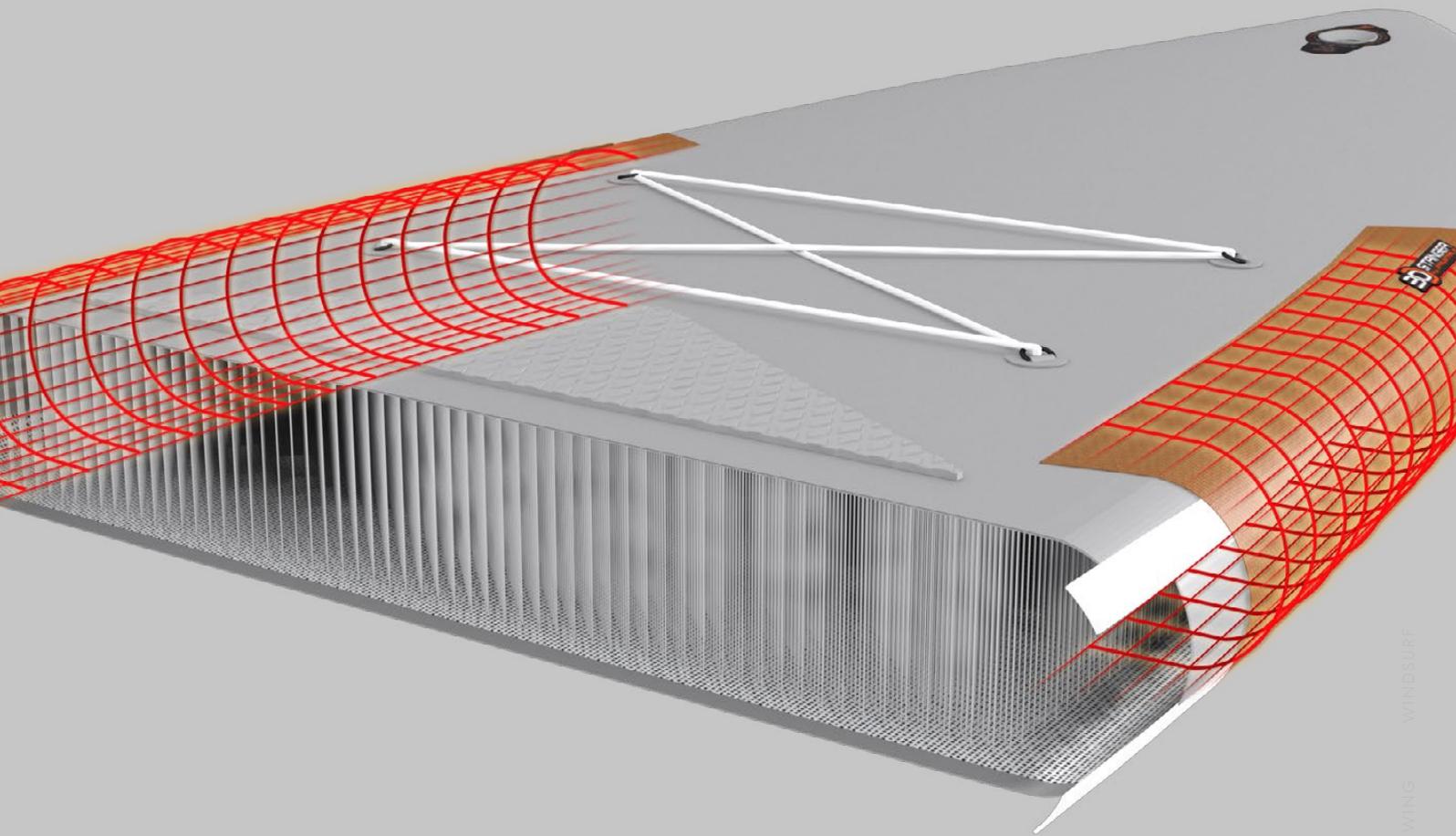
## 3D STRINGER

The 3D stringer is the most innovative solution to increase the stiffness of an inflatable board. It connects the deck, rail and bottom into one strong and solid U-beam. This has increased the stiffness of the boards up to 30%. Furthermore, the 3D Stringer increased the glued overlap surface in the high high-stress standing area, further improving the safety of the boards



PVC LAYER 1

PVC LAYER 2



WING WINDSURE

SUP

## THE WELDING PROCESS



The first rail layer and the welded tapes are hot-air welded to the drop stitch fabric to ensure a long-lasting mechanical bond.

This creates a very strong mechanical joint which turns the Rail, the Tapes and the drop stitch material into one part.



### PVC LAYER 1

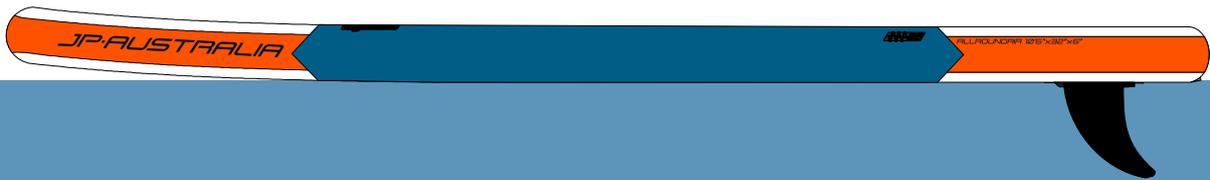
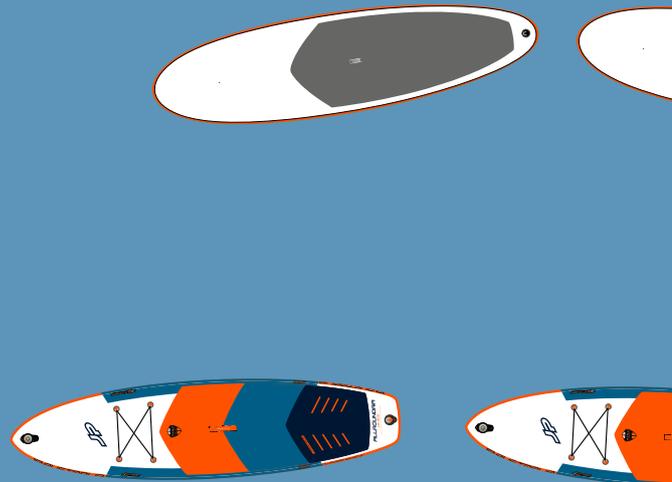
### PVC LAYER 2

## JP'S PARALLEL OUTLINE



### HIGHLIGHTS:

- » Parallel outline ensures great traction
- » Less paddle-hand changes needed as the board maintains its direction
- » Smooth flow on the water due to its narrow nose
- » Wider tail that additionally significantly improves the stability of the board

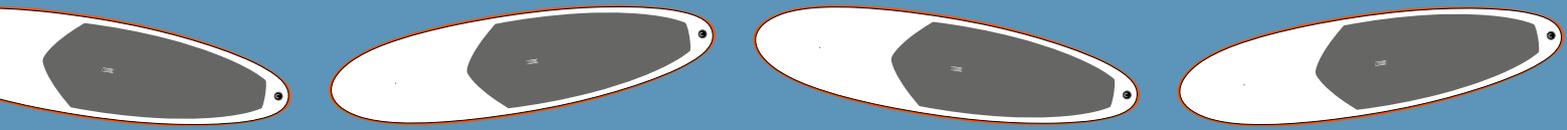


## JP'S SUBTLE ROCKER LINE

### HIGHLIGHTS:

- » Subtle rockerline for maximum waterline efficiency
- » Tail rail edge enhances the performance of the boards by allowing for quick water release
- » Result is a faster glide with each paddle stroke

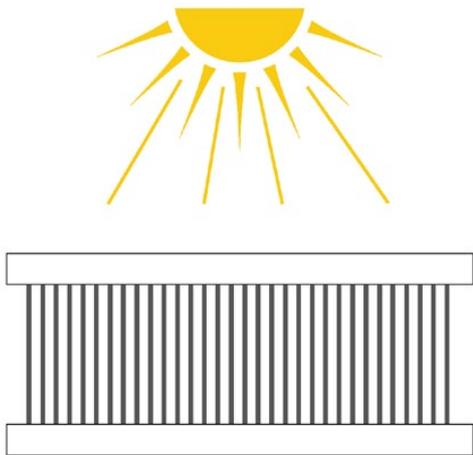
Too much rocker slows the board down it creates a lot of water resistance. The bent-up nose pushes a lot of water and there is no exact water release point at the tail of the board.



OVAL SHAPED BOARD



JP BOARD WITH MORE PARALELL OUTLINE



## JP'S WHITE BOARDS

### WHITE PVC



- » White PVC material does not absorb heat
- » Deck and bottom material (sun & shade side) stay the same size
- » No twisting

### COLOURED PVC



- » Heated side of the PVC material expands and stretches
- » The side in the shade does not expand
- » Result is a twisted board due to two different sized areas