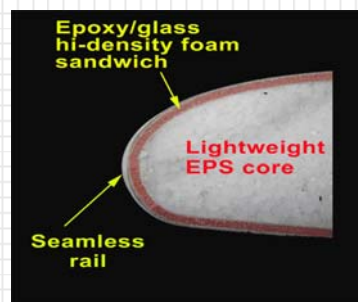


The **POPE BISECT** Travelboard

The Technology behind the product

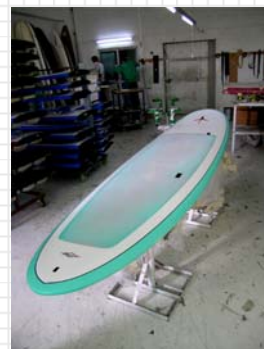


Pope Bisect surf boards are constructed in a two piece mould which is formed using a tuned master that comes directly from surfboard design guru Wayne Rich. The moulds have heating elements built in which allows the epoxy resin to cure at high temperature. Each board has an EPS (expanded polystyrene) core that is shaped to an exact tolerance. The board is hand laid up in the open mould, starting with a gelcoat paint, layers of glass, high density sheet foam, more glass and the EPS core. Unlike many other epoxy boards the Pope bisect does not have a seam on the rails, rather the whole sandwich continues up and around the curve of the rail giving superior strength and “ding” protection.



The Seamless rail

The carbon fibre sleeve and the clamp boxes are bonded into and form a part of the construction. The board is compressed in the mould and cured under pressure at high temperature. After the board comes out of the mould it is sprayed with the base coat layers, sanded, a polyurethane gloss applied then hand polished.



The board is completely finished in one piece then secured in a padded fixture and precision cut through its width into two pieces. This way the sleeves are perfectly aligned for insertion of the carbon fibre tube. Next the thin plastic face plates of each half are bonded on under pressure – these contain small alignment pins just inboard of the side rails and allow the two halves to align rationally. The face plates are trimmed to the exact cross section of the board. Finally aircraft type “over centre” stainless steel latches are screwed into the two recessed clamp boxes.

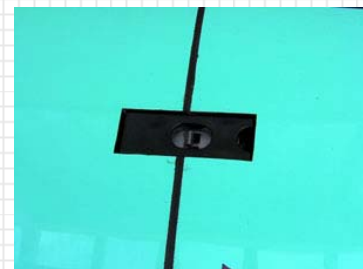


The Pope Clamp

Plastic clamp lever covers are provided in the accessories pack that comes with each board. When in place the covers give a flush finish to the clamp ports.

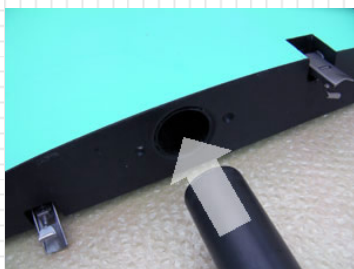


Slide on the cover and close the clamp



Cover flush in place

The removable carbon fibre centre tube is inserted into the sleeve



Insert centre tube in sleeve



Tube in place

- tolerance between tube and sleeve is a mere 0.127mm (this is the key to the whole concept). Clamps are closed and tension adjusted.
- The board is disassembled (in less than a minute), polished and checked before being packed into its custom travel case.



Ready for it's travel bag!

The Pope travel case looks like an oversized laptop satchel and features a padded separation wall between the two halves and pockets inside for fins, centre tube and accessories. It also incorporates chunky zippers, carry handles and a shoulder strap



The Pope travel bag

The whole package comes together to deliver the world's first true travel board!



Current models available