



Design specification

Criteria	Essential	Desirable	Reason
Function	Should provide a good grippy surfboard for surfing Should have different surfaces for combing and scratching the wax.	Should require an attached fin key to tighten/loosen fins	To make my product more essential for surfing
Aesthetics	Should be made of Acrylic plastic or similar Should have some lines to do with surfing or water sports	Possibly wood but wood wouldn't be as good	Plastic is strong and good + easy to shape The shape should give a clue to its use.
Size	Should be a small compact size Should be able to fit easily in a pocket.	Easy to carry and is always around	It needs to be portable because it's essential when surfing
Ergonomics	easy to use and apply easy to hold and comfortable to use.	used by hand + light	because it needs to be used on the move
Materials and processes	use Cnc/Cam to design of sand it by hand	Preferably Cnc/Cam for acrylic plastic Should be packaged as a high volume product.	more accurate design Cnc Cam will allow for easy modifications and to produce the design in small quantities
Cost	should be cheap to manufacture and buy should be cheaper to make than existing products.	doesn't need much materials / light design.	more people would be attracted to it the product will have to compete with other products on the market
Safety	it should be kept away from small children as it contains small parts	it needs sharp edges because of the comb	because you need the comb for waxing a surfboard.