



Shapers Surfboard Fiberglass is trusted and used by industry leading Surfboard Manufacturers throughout Australia and the world. Shapers specialist division, Shapers Composites Co., is 100% dedicated to developing the strongest, clearest, lightest and best performing fibreglass for Surfboards.

E-GLASS WARP E-GLASS **EXO-GLASS** S2 GLASS SEG HSEG SSG Proudly a Shapers® innovation, Shapers® S2-Glass is a superior form Shapers® Premium E-Glass is Shapers® Warp Enchanced cloth has a renowned for its "ease to glass" and is weaving format featuring a greater Exo-Glass is a world's first blended of S-Glass that delivers significantly greater tensile and compressive highly respected for its reliability in concentration of yarn running in the composite featuring a unique blend of strength compared to E-Glass. Warp (vertical direction). WARP cloth Shapers® premium S-Glass and ensuring extra-strong and ultra-clear S2-Glass is an ideal choice for is designed to enhances tensile E-Glass. EXO is purpose built to make surfboards. Shapers® has set the new lighter, stronger, & higher performing light-weight high performance industry standard across the entire strength. surfboards or for boards requiring E-Glass range (2oz, 4oz, 5oz, 6oz and surfboards at an economical price. additional strength and durability. 7.5oz options). **Innovation Patented Technology** by Shapers® Australia **E-Glass Performance Analysis WARP E-Glass Performance Analysis EXO-Glass Performance Analysis S2-Glass Performance Analysis LOAD & RELEASE** LOAD & RELEASE LOAD & RELEASE LOAD & RELEASE FATIGUE RESISTANCE **FATIGUE RESISTANCE FATIGUE RESISTANCE** FATIGUE RESISTANCE COMPRESSIVE RESISTANCE COMPRESSIVE RESISTANCE COMPRESSIVE RESISTANCE COMPRESSIVE RESISTANCE **Scheduling Options Scheduling Options Scheduling Options (PU) Scheduling Options** Team Team Team Team 1 x 40z SEG + 1 x 40z WARP 1 x 40z SSG Deck. Deck: Deck: 1 x 4Oz EXO Deck: Bottom: 1 x 40z SEG Bottom: 1 x 40z WARP Bottom: 1 x 4Oz EXO Bottom: 1 x 40z SSG Standard Standard Standard Standard 2 x 40z SEG Deck: 2 x 4Oz WARP Deck: 1 x 4Oz EXO + 1 x 2Oz SEG (3/4 Patch) Deck: 1 x 40z SSG + 1 x 20z SEG (3/4 Patch) Deck: Bottom: 1 x 40z WARP Bottom: 1 x 40z SEG Bottom: 1 x 40z EXO Bottom: 1 x 40z SSG Strong Strong Strong Strong Deck: 1 x 6Oz SEG + 1 x 4Oz SEG Deck: 1 x 6Oz WARP + 1 x 4Oz Deck: 2 x 40z EXO Deck: 2 x 40z SSG Bottom: 1 x 40z EXO Bottom: 1 x 4Oz SSG Bottom: 1 x 40z SEG Bottom: 1 x 40z WARP SHAPERS® E-Glass is Available in... SHAPERS® E-Glass is Available in... SHAPERS® EXO-Glass is Available in... SHAPERS® S-Glass is Available in... 2oz 4oz 5oz 6oz 7.5oz 4oz 6oz 4oz 4oz 4oz

Notes: 2oz is considered a beneficial option for fin box patches due to its ease of use and pin hole reduction. For extra strength, a full 2oz butterfly tail patch over the fin boxes may be used.

5oz is a specialised weight that is used as a 4oz substitute on decks or bottoms where greater strength is required and 6oz is considered too heavy.

* Fibreglass Scheduling formats are presented as a guide only. Customised scheduling may also be adopted to meet specific requirements, such as Epoxy Surfboard Constructions



27" | 30" | 50"

27"

110m & 220m Rolls

*2oz 100m Rolls

30" | 42"

30"

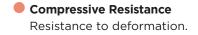
Load & Release Ability to flex & project.

27" | 30"

110m Rolls



30"



27"

110m Rolls

Flexural Performance
Ability to improve a blanks elasticity output.

100m Rolls

30"

27"



EPOXY E-GLASS EEG

VOLAN CLOTH

SVG

Shapers® Epoxy E-Glass, a world's first for surfboards, has been specifically formulated to increase the interlaminar shear strength for epoxy laminations. Featuring enhanced mechanical properties of up to 30% compared to industry standard E-Glass, Shapers® Epoxy E-Glass significantly improves laminated compression strength. reducing fatigue and failure.

Epoxy E-Glass Performance Analysis

LOAD & RELEASE

FATIGUE RESISTANCE

COMPRESSIVE RESISTANCE

Scheduling Options (Epoxy Surfboards)

Team

Deck: 1 x 4Oz EEG Bottom: 1 x 40z EEG

Standard

2 x 40z EEG Bottom: 1 x 6Oz EEG

Strong

1 x 4Oz EEG + 1 x 4Oz EEG Deck:

Bottom: 1 x 6Oz SEG

SHAPERS® EEG is Available in...

4oz	6oz
30"	30"

110m Rolls

Volan is the original "old school" cloth, traditionally used on surfboards with heavier glass jobs that are famous for their longevity. Volan has a slight greenish tint that looks the goods on retro's and longboards. Shapers® 7.5oz

Volan Fibreglass has similar strength properties to E-Glass, and is most popular in 6oz. Scheduling is customised to surfboard designs.

SHAPERS® Volan Cloth is Available in...

4oz	6oz	7.5oz
27"	30"	30"

110m Rolls











