



VENTO 40 CONSTRUCTION

COMPOSITE LAMINATION DETAILS

HULL/bottom	
2 Layers	Coloured Gelcoat NIPG
1 Layer	E-Glass Surface Veil.
1 Layer	E-Glass Surface Mat
1 Layer	BiAxial Hybrid /Mat
1 Layer	BiAxial Glass Glass/Mat
1 Layer	E-Glass Rovimat
1 Layer	BiAxial Glass Glass/Mat
1 Layer	E-Glass Rovimat
HULL/Topsides	
2 Layers	Coloured Gelcoat NIPG
1 Layer	E-Glass Surface Veil.
1 Layer	E-Glass Surface Mat
1 Layer	BiAxial Hybrid /Mat
1 Layer	BiAxial Glass Glass/Mat
1 Layer	Structural Foam PVC H80
1 Layer	BiAxial Glass/Mat
1 Layer	BiAxial Hybrid /Mat
DECK/Side Coamings	
2 Layers	Coloured Gelcoat NIPG
1 Layer	E-Glass Surface Veil.
1 Layer	E-Glass Surface Mat
1 Layer	BiAxial Hybrid /Mat
1 Layer	BiAxial Glass Glass/Mat
1 Layer	Balsa wood core 100D
1 Layer	BiAxial Glass/Mat
1 Layer	BiAxial Hybrid /Mat
DECK/CabinRoof/ Cockpit Sole	
2 Layers	Coloured Gelcoat NIPG
1 Layer	E-Glass Surface Veil.
1 Layer	E-Glass Surface Mat

COMPOSITE LAMINATION DETAILS	
1 Layer	BiAxial Hybrid /Mat
1 Layer	BiAxial Glass Glass/Mat
1 Layer	Structural Foam PVC H80
1 Layer	BiAxial Glass/Mat
1 Layer	BiAxial Hybrid /Mat
H.TOP/Cabin Roof	
2 Layers	Coloured Gelcoat NIPG
1 Layer	E-Glass Surface Veil.
1 Layer	E-Glass Surface Mat
1 Layer	BiAxial Hybrid /Mat
1 Layer	BiAxial Glass Glass/Mat
1 Layer	Structural Foam PVC H80
1 Layer	BiAxial Glass/Mat
1 Layer	BiAxial Hybrid /Mat
H>TOP/ Side Panels	
2 Layers	Coloured Gelcoat NIPG
1 Layer	E-Glass Surface Mat
1 Layer	E-Glass Stiche d Mat
All the core material PVC Foam and Balsa Wood are bonded by special paste and under high vacuum.	
The entire boat is laminated with Epoxy based Vinylester Resine (DSM ATLAC 580) With the addition of backing Resine Behind gelcoats	