

Velair 89 Wing Spar Construction

Laminate construction of inboard wing spar at CL
CIBA-GEIGY T800/M10 unidirectional carbon fibre pre preg
0.125mm cured ply thickness
8 layers carbon at $\pm 45^\circ$ on a 84mm diameter mandral
17 60mm wide layers of carbon at 0°

Laminate construction of inboard wing spar 2.1m from CL
6 layers carbon at $\pm 45^\circ$
11 60mm wide layers of carbon at 0°

Laminate construction of outboard wing spar
4 layers carbon at $\pm 45^\circ$ on a 60mm diameter mandral
9 32-48mm wide layers of carbon at 0°

