

WHY CL SOLID?

MADE IN SWITZERLAND

+41 58 201 25 00

info@carbo-link.ch

www.carbo-link.com

- 1 REDUCED COST OF OWNERSHIP**
 - Never need to send rigging away for a service or recovering
 - 15+ plus lifespan with proper service & maintenance
- 2 INCREASED LONGEVITY**
 - Longevity is comparable to a yachts hull – carbon hulls use similar materials
 - The original properties will be sustained over 15 years or more
- 3 SUPERIOR DURABILITY**
 - Toughened resin system results in superior chafe and impact resistance
 - No soft cover to chafe, or individual rods susceptible to damage
- 4 SIMPLE SERVICE & INSPECTION**
 - Nothing hiding beneath the cover. Visual inspections of the surface identify rigging health
 - Possible to NDT with the mast stepped or un-stepped at high-load areas and local points of interest
- 5 REDUCED LIKELIHOOD OF LIGHTNING STRIKE & SUBSEQUENT DAMAGE**
 - CL SOLID is grounded and able to unload charge > integrated fittings with a direct connection to the yachts hull
 - There is no static build-up, which in turn reduces the likelihood of being struck
- 6 SIMPLE LOGISTICS**
 - Can be delivered coiled with final curing on-site, or delivered fully cured
 - Simple storage with mast during refit periods > no shipping required throughout rigging lifespan
- 7 NEATEST, SMALLEST INTERFACES**
 - Fully integrated into the cable which in-turn reduces weight
 - No bonded joints or reliance on threaded fittings between cable termination and interface > no creep or bedding-in
- 8 REDUCED LIKELIHOOD OF VIBRATION**
 - Vortex shedding can occur on any tensioned cable > CL DAMPER proven to be highly effective solution if required
 - Elliptical rigging is less susceptible to vortex shedding (vibration) as proven on all existing elliptical projects
- 9 SMALLEST DIAMETER**
 - Upto 35% smaller cross-section than bundled rigging due to 100% consolidation of fibres
 - No bundled rods with gaps and no additional consolidation cover
- 10 RELIABLE & OPTIMISED ELLIPSE**
 - No structural difference between round and elliptical solid carbon rigging
 - Research, numerical analysis and sailing time prove ellipse ratio's of 2.0:1 or shorter balance all considerations
- 11 2 YEAR WARRANTY**
 - Not limited to any type of sailing – includes racing and all associated training requirements
 - See 'General Terms & Conditions' for comparison to alternative suppliers