



Korza by CSC Composites Bronze Medal in First Race!



Sika Deutschland GmbH
Tooling & Composites
Subsidiary Bad Urach
Stuttgarter Str. 139
D-72574 Bad Urach
Germany

Tel: +49(0)7125 940 492
Fax: +49(0)7125 940 401
e-mail: composites@de.sika.com



This lightweight 52' (16m) racing yacht was produced in carbon fibre epoxy composite by the **CSC Composites Company, Istanbul, Turkey**. The boat was designed by its owner Gurhan Toker and CSC Ltd and is aimed at the handicapped (IRC) racing market. So good is the boat that the prototype came 3rd in its very first race, the prestigious 2012 Turkish Navy Cup. The boat was captained by the owner and crewed by amateur sailors. Against the very best boats and crews in the Bosphorus, a 3rd placing is extremely creditable and shows the potential that this design has.

Technical Details:

Beam: 4,2 m
Displacement: 7.300 kg
Carbon Fibre: 490 kg

Draft: 3,5 m
Keel: 4.000 kg
Biresin® CR83 Epoxy: 480 kg

The hull and deck are sandwich construction with multi-layers of 200, 300 and 400 gsm carbon UD tapes in different orientations. The foam core is a mix of 80 and 130 kg/m³ density, 25mm thick. The structure was resin infused using Sika Biresin CR83, epoxy resin system. This resin was designed specifically to have very low viscosity to allow fast impregnation and good wetting properties. Biresin CR83 is Germanische Lloyds approved and exhibits low tendency to crystallise.

