

Marathon Kayak

Derakane Epoxy Vinyl Ester Resins – Case History



Location / Year

Manufactured in 2016 for use at the 2016 ICF Canoe/Kayak Marathon World Championships in Brandenburg, Germany.

Fabricator

Kayak Centre CC, Durban South Africa.

Fabrication

Derakane 411-200 epoxy vinyl ester resin for the laminate of the kayak's shell.

Derakane 411-350 epoxy vinyl ester resin for the laminate of the kayak's components. Both with MEKP/Cobalt curing system.

Kayak shell manufactured using vacuum infusion system with multiple layers of carbon fiber and a soft core.

Kayak components manufactured using carbon fiber and fiberglass.

Technical Data

Dimensions (cm/in) – 520/205 x 40/16 x 27/11
Kayak finished Weight - 7.6kg/16.8lbs

Service Conditions

Salt/Fresh water, ambient temperature.

Design / Comment

The kayak is designed and manufactured by Kayak Centre to meet strict specifications set by the International Canoe Federation. Designed to ensure the craft can achieve high speeds with minimal effort required. Built to give the paddler the fastest, lightest and most rigid craft to ensure they have the best possible chance for success.

The paddler, Hank McGregor, went on to win the event claiming his 8th world title in the process.

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