

Dusi Racing Kayak

Derakane Epoxy Vinyl Ester Resins – Case History



Location / Year

Manufactured in 2016 for use at the highly coveted 2016 Dusi Canoe Marathon in KwaZulu-Natal, South Africa.

Fabricator

Kayak Centre CC, Durban South Africa.

Fabrication

Derakane 411-200 epoxy vinyl ester resin for the laminate of the kayak's deck. **Derakane 411-350 epoxy vinyl ester resin** for the laminate of the kayak's hull and components. Both with MEKP/Cobalt cure system.

Kayak deck manufactured using vacuum infusion system with layers of carbon and aramid fiber with a soft core. Kayak hull manufactured using multiple layers of aramid with fiberglass reinforcing.

Technical Data

Dimensions (cm/in) – 650/255 x 43/17 x 32/13
Kayak finished weight - 18.1kg / 40lbs

Service Conditions

For use on rivers with extremely technical and rocky rapids and areas requiring long portaging.
Salt/Fresh water, ambient temperature.

Comment/ Design

The kayak is designed to meet strict specifications set by the race organizing committee and 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 impact resistant craft to ensure they have the best possible chance for success. All three kayakers completed the event claiming 1st, 2nd and 3rd positions. None of them sustained damage that required repairs.

NOTICE : No freedom from any patent owned by Seller or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other governmental enactments. Seller assumes no obligation or liability for the information in this document. NO WARRANTIES ARE GIVEN ; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.



Ashland is committed to the continuous evolution of technology and service solutions that promote health, safety and environmental protection around the world. © Registered trademark and ™ trademark of Ashland Inc.
* Registered service mark of the American Chemistry Council, © 2017 Ashland
<http://www.ashland.com>, <http://www.derakane.com>

