

PRODUCTS IN ACTION

Motor yacht from Royal Denship



The Royal Denship 125 Classic motor yacht is inspired by true greatness, her lines, her spirit dates back to a period in the past century when the elegant and unique was truly appreciated. However, she is today built in modern composite materials to produce an exceptional yacht.

The DIAB sandwich concept is ideally suited to fulfil the requirements for such a vessel. The freedom of design and superior surface finish is easily achieved when building in a sandwich structure. Other benefits when using Divinycell H-grade as core material in the sandwich construction are excellent acoustical and thermal insulation, high strength and stiffness and low maintenance costs. Also the lowered weight of the hull structure will mean increased speed and range compared with a conventional metallic structure.

Core material:

Loa:	38.1 m
Width:	7.8 m
Draft:	1.9 m
Range:	4000 miles
Speed:	14 knots
Face material:	Glass fibre/ Polyester
Core bonding adhesive:	Divilette SQ

Divinycell® H-grade in different densities

Manufacturing process:	Wet lay-up, One-off on frame work
Manufacturer:	Royal Denship
Production supervision:	DIAB Technical Services

