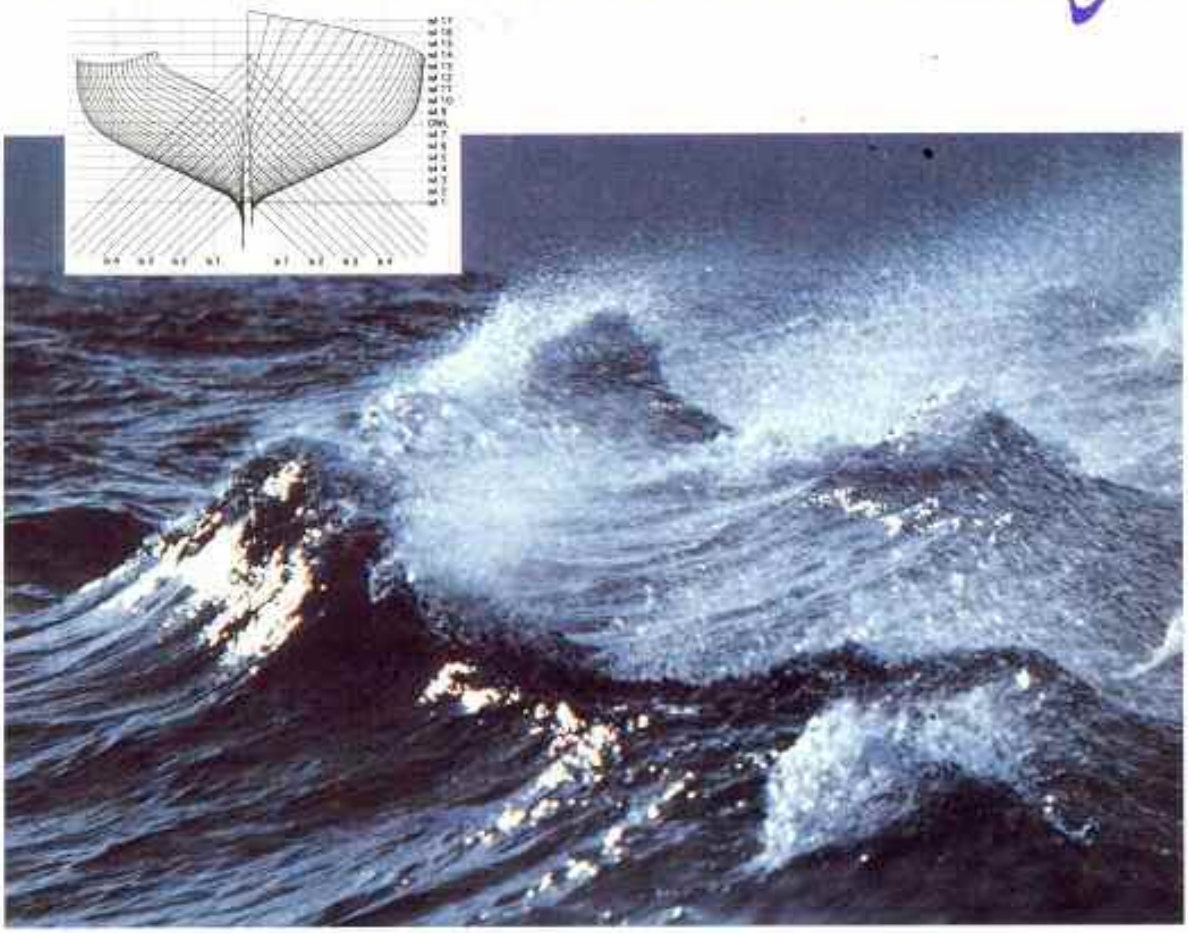
Metur Yacht building vessels for the 21st Century.



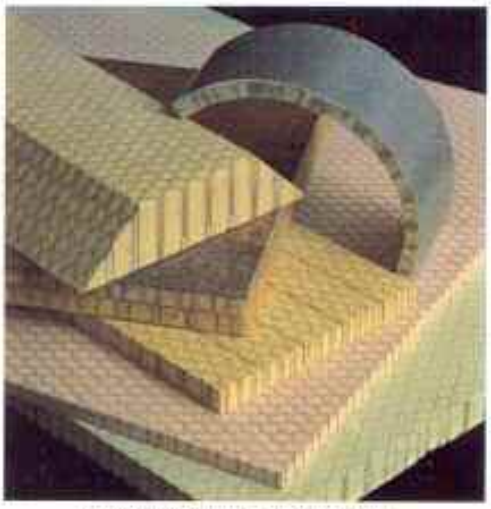
For those who demand nothing but the best.

Metur Yacht A.Ş.
Composite Technologies

Construction fo

Finished Wood Composite Hull.

In the 20th Century boat owners and boat yards had the task of fighting againts wood worms, rot, rust, electrolysis, and osmosis. Scientist and technicians tried to find solutions for these problems with new paint system, osmosis treatments and were only partially successful at best.



Weskor ™ Foam filled honeycomb

Entering into the 21st Century all the nails, solid wood planking, osmosis fill ers of the past can be placed in the mar itime museums.

With the evulotion of space age techniques and computer design, old problems have been solved.

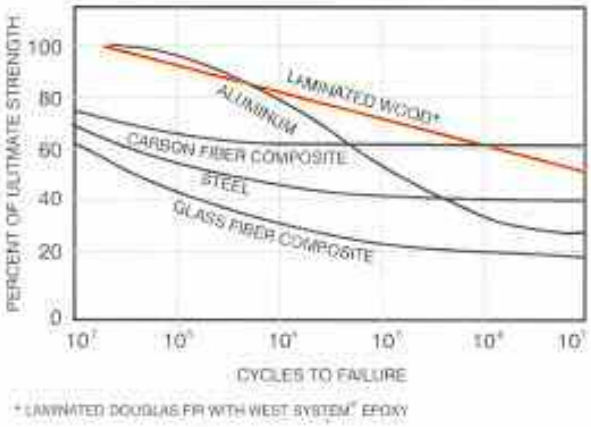
At this point in time high-tech materials and wood have converged to the same spot.

At METUR YACHT we have placed all our faith and knowledge in using these systems. For protection againts the effects of the sea and for solidness epoxy lamination comes out as number one (Metur Yacht uses only **SP** Systems ™ epoxy products).

Structural cloth samples used by Metur Yacht Produced by SP Systems™

the next century

TENSILE FATIGUE COMPARISON



* LAMINATED DOUGLAS FIR WITH WEST SYSTEM® EPOXY

Building with wood epoxy composites, is a proven method of achieving greater rigidity with substantial savings in cost and weight. The effectivness of sandwich construction is a function of the type and quality of the core materials used.

Today most man-made core materials incorporate honeycomb or foam. Honeycomb provides an excellent material for use in sandwich construction. The geometric form of the cell is largely responsible for the superior strenght as the stress is distributed to the adjacent walls of the honeycomb cell structures.

Whether in its manufactured form, or in its natural form as in certain variaties of wood, the honeycomb structure provides an excellent strenght to weight ratio and offers great advantages in sandwich construction. By itself wood is subject to rot, and is often too heavy. Honeycomb used alone is difficult to use and is no good for laminating due to the lack of surface area. Pure foam cores are excellent for bulkheads etc., but preform poorly on impact surfaces. By filling honeycomb cells with foam, the combination of strength and large surface area is provided. Greater resistance to shear forces perpindicular to the sandwich (breaking), increased moment resistance (less bending) and better deepening shock waves along the surface (less vibration) are achieved.

23 Mart 1995

Metur Yacht works for the future today !

Metur Yacht has devoted the last 12 years to the development of composite vessel construction. The company's office design studio with the latest computer CAD systems and our purpose built Hi-Tech facilities can design and build taylor made vessels for those who demand the best.

Composites represented in Turkey by Metur Yacht A.Ş.

HOOD BLAKEA SP

Metur Yacht A.Ş.
Composite Technologies

İÇMELER- BODRUM 48400 -TURKEY PHONE & FAX : 90 (252) 316 40 62