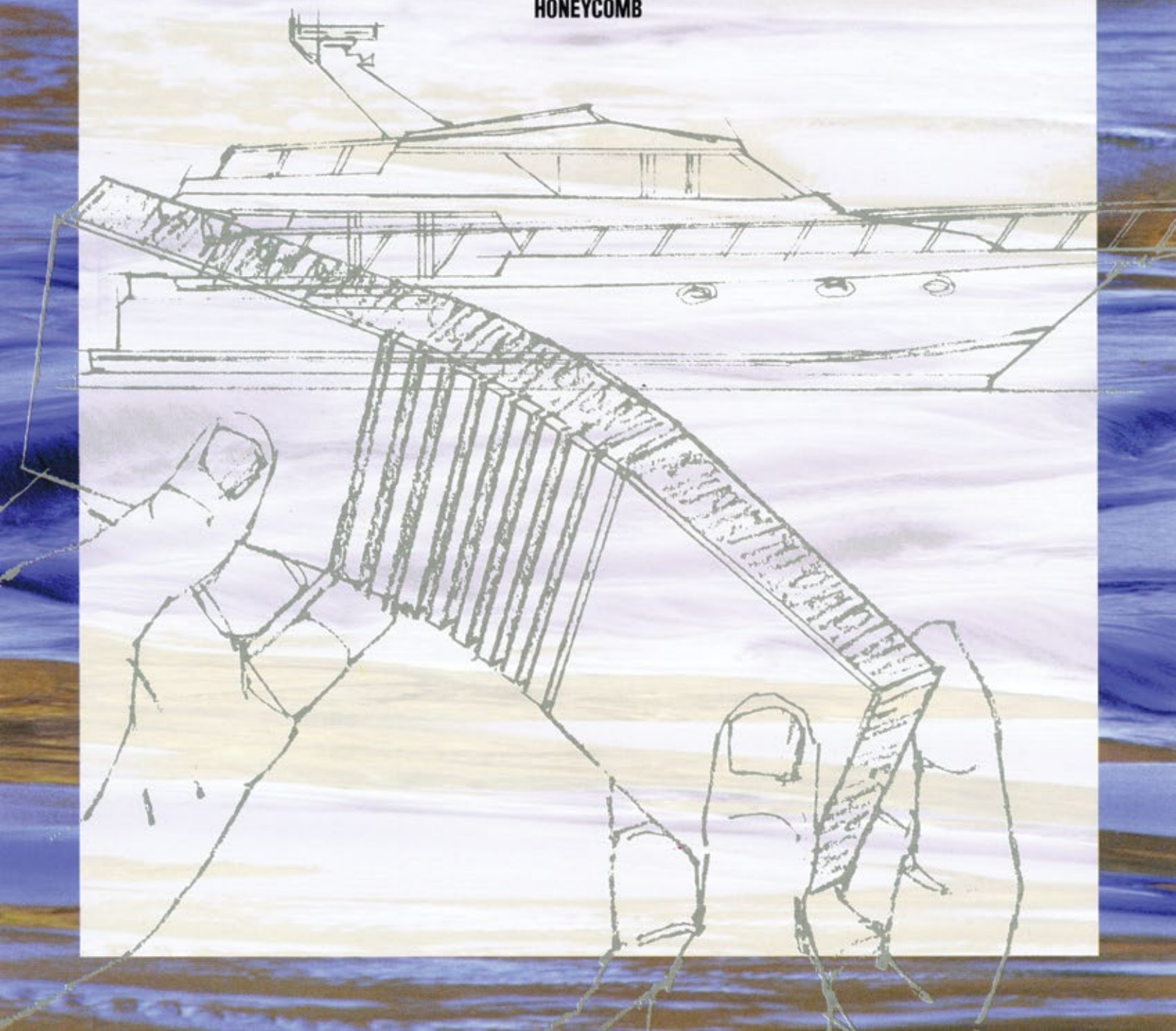


TRICEL HONEYCOMB

TRIPANEL MARINE
Bends Over Backwards
TO MEET YOUR MARINE DESIGN REQUIREMENTS



TRICEL HONEYCOMB

The Blueprint for Success in Marine Interiors is
TRIPANEL MARINE

Light weight bunks can be fabricated with TPM by cleating the three sides to adjacent TPM bulkheads. The front is finished off with a "C" rail which acts as a stiffener and a stop to hold the mattress in place. Removable hatches for lower bunks can also be made from TPM.



Full height TPM bulkheads for passage ways can be installed by bonding a cleat to the sole and securing the bulkhead in place. Attach to the upper deck by using a "T" cleat. Additional stiffness is achieved by using "J" moldings for door jambs. Doors are fabricated from TPM for additional weight savings.



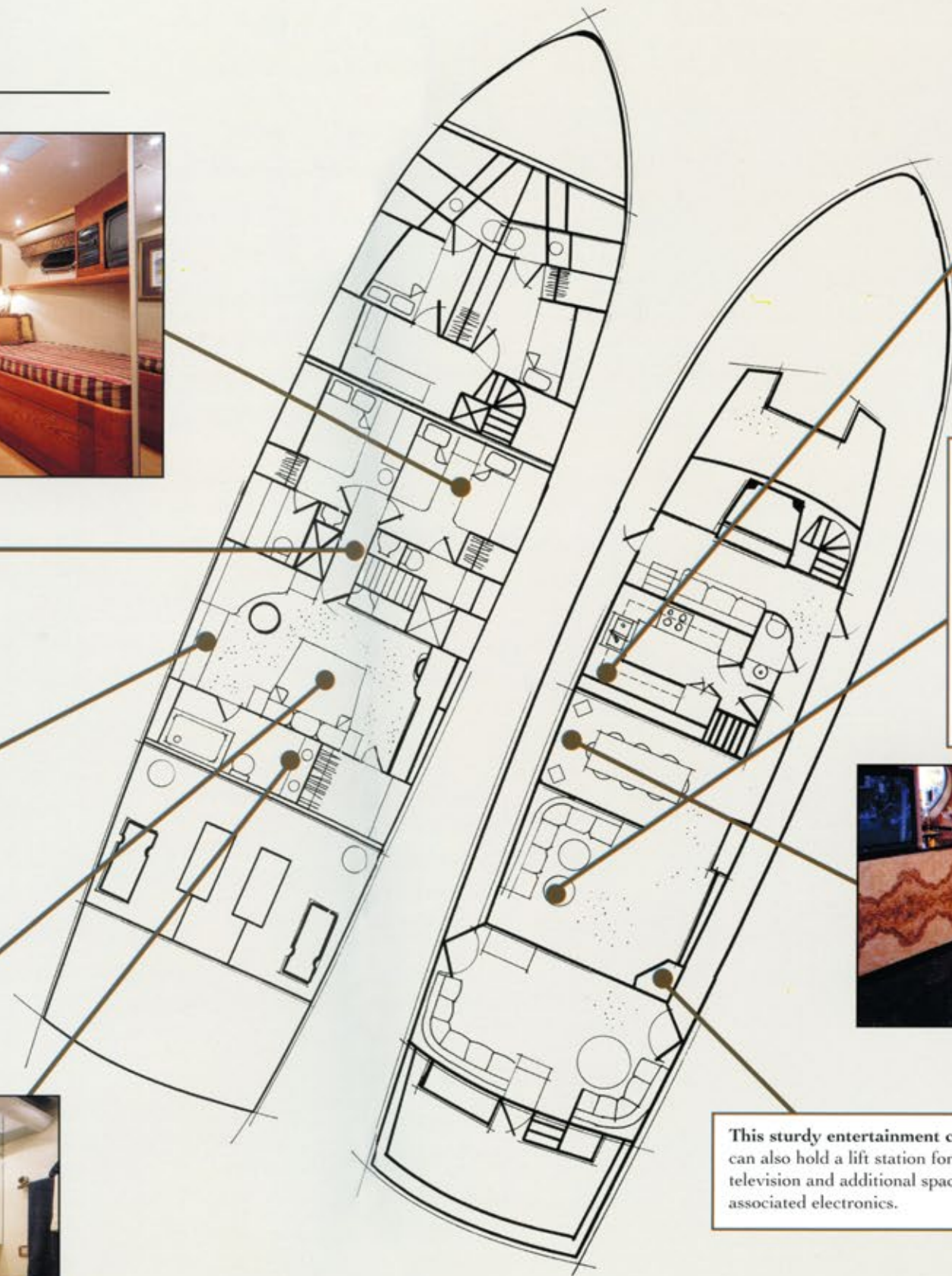
This wardrobe shows the simplicity of kerfing and fabricating of TPM. Note the exquisite detail in the veneer. The possibilities are endless.



Berths are fabricated using TPM to significantly reduce the weight from conventional building techniques. Radius corners are easily formed by kerfing the back side, gluing and clamping into place.



Heads get luxury treatment not only in cabinetry, but with solid surfacing material for sinks and counters, all backed by TPM.



Galley cabinetry and counter tops are easily assembled from TPM panels. Thin, solid surface materials or HPL can be bonded to TPM for additional weight savings.

Settees are made with little or no interior framing, similar to berths. Lift lids of TPM also add to weight savings as does the fabrication of tables and other occasional furniture. Radius doors can be fabricated using the kerf, glue and clamp method.



Elegant yet light-weight, this formal area showcases over SIX applications of TPM. Can you spot them all?

This sturdy entertainment center can also hold a lift station for the television and additional space for associated electronics.



Photos courtesy of Cheoy Lee, North Coast, Palmer Johnson, Cap Sante and Willis Marine



INTRODUCING THE SUPERIOR STRENGTH-TO-WEIGHT RATIO OF TRIPANEL MARINE

MADE WITH TRICEL HONEYCOMB

Tripnel Marine is a sandwich panel of 1.5mm marine plywood skins over a phenolic-impregnated core (the same resin used in high-pressure laminates) of Tricel Honeycomb. Tripnel Marine is designed to provide boat builders with a strong, lightweight, and economical structural panel for applications such as bulkheads, cabinets, built-in furniture, bunk beds, hatch covers, and other interior applications.

Tripnel Marine has superior strength-to-weight and stiffness-to-weight ratios. It also offers excellent sandwich fatigue resistance, damage tolerance, and dimensional stability. Its formidability is also excellent: Radiused corners can be formed by cutting a series of saw kerfs through one skin and the honeycomb core in the direction of the desired curve (as shown on the front cover). Three methods for fabricating are: One, spread thickened epoxy into the open kerfs, two apply fiberglass cloth over kerfs, and/or three, apply a wood veneer or laminate over the kerfs. The panel is then clamped at the desired radius and allowed to cure.

A VARIETY OF THICKNESSES TO BEST MEET YOUR APPLICATION

Panels are 48" x 96". Tripnel Marine is currently available in 1/2", 3/4", and 1" thicknesses. Other panel thicknesses, as well as other thicknesses of marine plywood skins, are available on special order.

LEARN THE FACTS ABOUT TRICEL HONEYCOMB

Tricel Honeycomb is a Kraft fiber product formulated to provide a continuous series of triangular cells. This creates a "super corrugated" core material which is incredibly strong and rigid yet remarkably lightweight. This product is up to 95% open space and has a density of one-to-three pounds per cubic foot. When Tricel Honeycomb is bonded to facing material on both sides (such as the marine plywood for Tripnel Marine), the resulting sandwich panel offers the highest rigidity and strength-to-weight ratio available through today's design and construction techniques.



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