LIGHTWEIGHT HONEYCOMB CORES AND PANEL PRODUCTS

Since 1982
The Key Is in the Design

Tricel Honeycomb cores are up to 95% open space, with a density of one to three pounds per cubic foot. When bonded to a facing material on both sides, the resulting I-beam-like performance carries shear, bending, and compressive loads. And like an I-beam web, the thicker the honeycomb, the greater its load carrying capacity.

THE HONEYCOMB EXPERTS

Tricel Honeycomb is a kraft paper product fabricated to form a continuous series of triangular cells, similar in appearance to the cross-section view of corrugated board.

Exceptionally Versatile

Tricel Honeycomb’s thickness and density can be adapted to any design challenge. It can be bonded to a variety of facing materials, and it can be sized, shaped, and curved to adapt to virtually any application.

1-800-352-3300  •  Visit www.TricelCorp.com to request a sample kit.
Truck Caps
Tricel Corporation is the official supplier to every major truck cap manufacturer in the United States and Canada.

A CORE BEYOND COMPARE
Choose Tricel Honeycomb for a lighter, stronger, less expensive, and more environmentally-friendly option than traditional materials used by auto manufacturers.

Lighter materials have a direct impact on driving dynamics, vehicle agility, fuel consumption, and CO₂ emissions.

New technologies and innovative uses are continually being developed.

Sunroof Shades / Load Floors
Tricel provides valuable engineering expertise regarding new product applications and innovative uses for honeycomb core material.

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Marine Tricel Honeycomb panels are as strong as plywood.

There’s a better way to trim 4000 lbs

Panels are 48” x 96”. Tripanel Marine is currently available in 1/2”, 3/4”, and 1” thicknesses.

Interior Capabilities
Design and build the luxury customers expect.
- Galley Cabinetry
- Fine Cabinetry
- Berths
- Bunk Beds
- Settees
- Bulkheads

Honeycomb panels can weigh up to 80% less than plywood.

Formability
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.

A sandwich panel of 1.5mm Okoume plywood skins over Honeycomb.

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Tricel Honeycomb Corporation is proud to be certified through the Forest Stewardship Council®

A CORE BEYOND COMPARE

For use in contract office furniture where weight reduction is an issue, Tricel is especially suited for custom cabinetry when versatility is paramount. Tricel also offers phenolic impregnated honeycomb for use in hot press applications.

Office Cubicles
A big success in contract office cubicles, partitions, and furniture, the Tricel product provides structural integrity without the weight of traditional materials.

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Tricel Honeycomb panel products feature the highest rigidity and strength-to-weight ratio in the industry. 

Still the lightest and strongest in the industry.

100% Recyclable Panel Products

Panel Products are Exceptionally Versatile
- Walls
- Partitions
- Exhibits
- Displays
- Raised Flooring

Tripanel Custom
A component of an adaptable system suitable for painting, fabric covering, laminating, wallpapering, or carpeting on both sides.

Trideck
TriCel Honeycomb laminated to A-C plywood with a 2 1/2" lumber surround, specifically designed for double-deck exhibit flooring and risers/platforms.

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The smooth surface is perfect for direct printing, silk screening, laminating, and photo mounting.

Tripanel Trim
Provides your project with a smooth and clean finish. These four edge treatments meet a variety of needs.

A BETTER SOLUTION TO FOAM BOARD

The product uses up to 85% recycled paper content and is 100% recyclable.

Graphic and Display Applications
Tripanel exceeds expectations with renewable and reusable abilities, while never sacrificing print quality or performance.

- Modular Display Panels
- POP Displays
- Screen Printing
- Digital Printing
- Interior Signage
- Kiosks
- Photo Mounting
- Illustration Board

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WHENEVER SOUND ABSORPTION IS A PRIORITY

Tripanel Custom Acoustic (TPCA)
With a thickness of 1 1/2", TPCA is especially good for sound absorption and reflection reduction. Faced with 1/8" 10 pound density molded fiberglass, TPCA comes with solid poplar wood framing and can be covered with fabric.

Tripanel Acoustic (TPA)
With a thickness of only 5/8", TPA is faced with the same fiberglass skins. The edges can be finished with our Tripanel Shapes U-channel extrusions. When covered with fabric, these lightweight panels can be mounted directly to existing walls for effective sound absorption.

Acoustic Panel Applications
Numerous applications can benefit from the acoustic properties provided by Tricel panels.
- Conference Room Walls
- Recording Studios
- Office Partitions
- Trade Show Exhibits
- Boat Interiors
- Auditorium and Sound Panels
- Noise Reflectors

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