

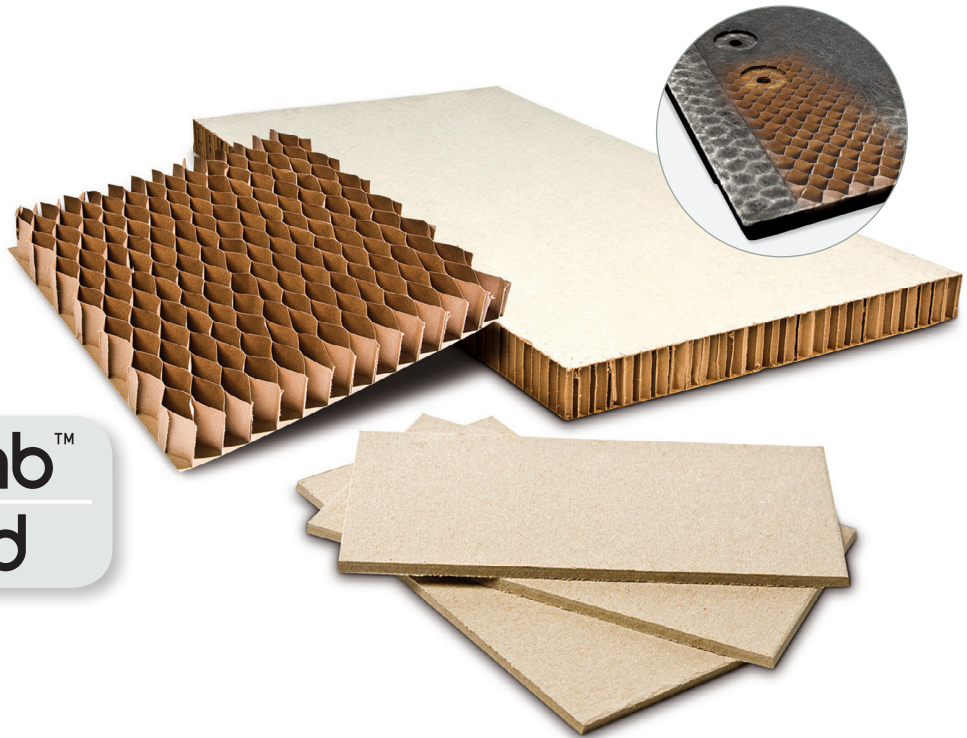
RETHINKING AUTOMOTIVE COMPONENTS

FIBERSMART TECHNOLOGY



REDUCES STRUCTURAL COMPONENT COSTS
LOWERS WEIGHT

The eco-friendly,
FiberSmart
solution to
minimize weight



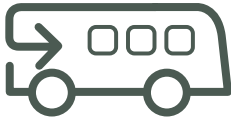
Technicomb™
Multiboard

BUILT TO
SPEC

FIBER
SMART
TECHNOLOGY

FIBERSMART PAPERBOARD COMPONENTS ADVANTAGES

- » Sturdy, cost-effective, purpose-designed, ultralight components
Lighter than traditional materials
- » FiberSmart Technology – less fiber, more performance
- » Impressive weight-to-strength ratio
- » Increased structural integrity
- » Cost savings over traditional raw materials
- » Streamlined logistics, close proximity manufacturing
- » E-consignment (min/ max) – automatic replenishment
- » Eco-friendly, repulpable and made from recycled materials



AUTOMOTIVE COMPONENTS

TECHNICOMB CELLS



BUILT TO SPEC

Re RECYCLED

Product Advantages

- High performance-to-cost ratio paperboard honeycomb cells
- Superior-quality alternatives to solid filling materials
- Ultralight filling – lower weight, lower fuel consumption
 - Easy handling of parts
 - Lower transportation cost
- High shock absorption properties
- High-pressure resistance
 - Wide range of pressure strengths obtained through combinations of cell sizes, paper grades and cell heights
- Higher strength reinforcement with superior bonding properties*
- Bending properties – different shapes and contours

*Compared to particle board

Product Applications

- Trunk panel filling
- Framework assemblies
- Roofing component
- Hardboard alternative
- Replacement for hard core and wood components

Technical Specifications

- Cell height: 5 mm to 100 mm / 0.2 in. to 4 in.
- Available:
 - Compact cell (block cell): manual operation
 - RTA cell (expanded): low volumes
 - Seamless (continuous): mass production

MULTIBOARD STRUCTURAL PANELS



BUILT TO SPEC

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Product Advantages

- Superior structural integrity
- Stiffness – rigidity
- Adaptable to contours – reverse slit score
- Die-cut (hole for cables)
- Puncture resistant
- FiberSmart construction – less fiber, more performance
- Choice of surface treatments and lamination techniques to considerably enhance component performance

Product Applications

- Trunk panel
- Decorative backing
- Hardboard alternative

FiberSmart Multiboard Construction

1. Coated linerboard (recycled or virgin)
2. Wet-strength uncoated recycled paperboard
3. PVA glue (high-performance laminate)
4. Wet-strength uncoated recycled paperboard
5. Recycled linerboard

Cascades
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RETHINKING INDUSTRIAL PACKAGING THROUGH PERFORMANCE AND GREEN INNOVATION

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