



RETHINKING FURNITURE COMPONENTS

**FIBERSMART
TECHNOLOGY**

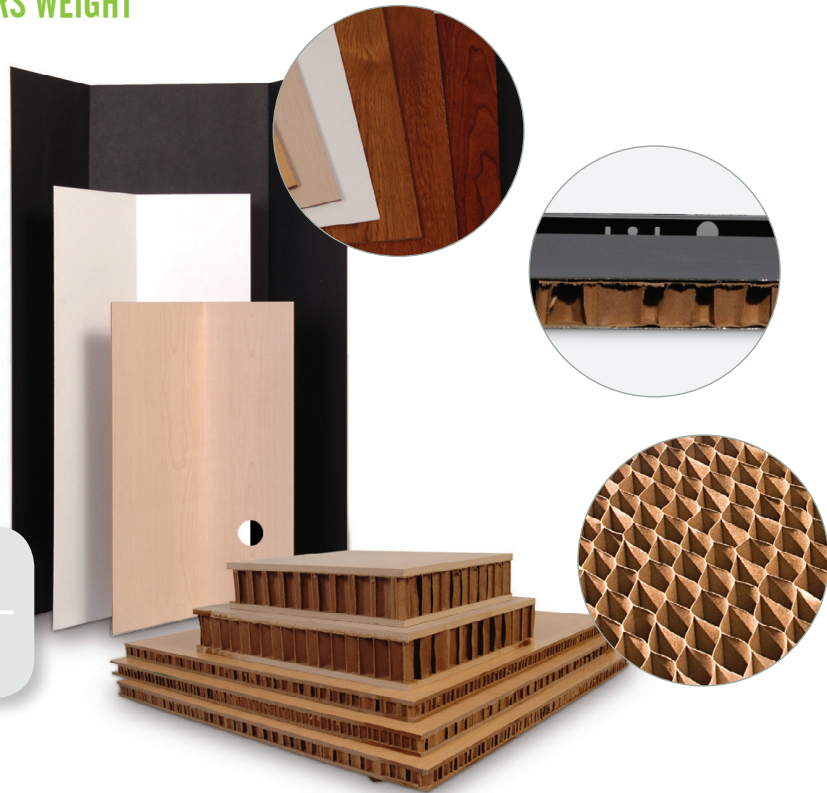


**REDUCES STRUCTURAL COMPONENT COSTS
LOWERS WEIGHT**

The cost-effective,
ultralight
alternative to
traditional
materials



**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, made from recycled materials



FURNITURE COMPONENTS

TECHNICOMB CELLS



BUILT TO SPEC

Re RECYCLED

Product Advantages

- High performance-to-cost ratio paperboard honeycomb cells
- Superior-quality alternative to solid filling materials for furniture panels
Robust, solid-feeling panel assembly
- Ultralight filling
52% to 77% lighter*
Easier handling of panels*
Lower transportation cost*
- More stiffness and strength when used in shelf assembly
Higher load-bearing strength**
- High-pressure resistance
Wide range of pressure strengths obtained through combinations of cell sizes, paper grades and cell heights
- Adaptable to different shapes and contours
*Compared to solid filled furniture panel
**Compared to similar size chipboard panel

Product Applications

- Furniture panel core
- Shelf core
- Decorative partition core
- RTA furniture
- Shower back panel core

Technical Specifications

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

MULTIBOARD STRUCTURAL PANELS



BUILT TO SPEC

Re RECYCLED

Product Advantages

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

Product Applications

- Furniture backing
- Decorative furniture backing
- Drawer bottom

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

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RETHINKING INDUSTRIAL PACKAGING THROUGH PERFORMANCE AND GREEN INNOVATION

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