

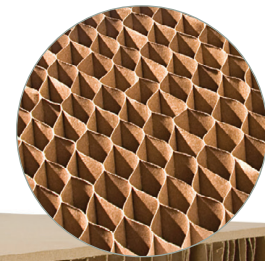
RETHINKING DOOR & PARTITION COMPONENTS

**FIBERSMART
TECHNOLOGY**



**REDUCES STRUCTURAL COMPONENT COSTS
LOWERS WEIGHT**

**The high
strength-to-weight
ratio alternative**



**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



DOOR & PARTITION COMPONENTS

TECHNICOMB CELLS



BUILT TO SPEC

Re RECYCLED

Product Advantages

- High performance-to-cost ratio paperboard honeycomb cells
- Ultralight filling
 - 52% to 77% lighter*
 - Easy handling*
 - Lower transportation cost*
- 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
- More cost-effective than solid filling materials
 - *Compared to particle board

Product Applications

- Door core
- Metal door core
- Partition core
- Office partition core
- Exhibit stand wall panel core

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

Re RECYCLED

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

- Decorative panel
- Interior paneling
- Recycled paperboard panel (used in the manufacture of insulation and acoustical boards)

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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