Lightweight Furniture and Architectural Components

Fulcrum Composites utilizes advanced materials and fabrication techniques to produce furniture, furniture components and architectural panels that are exceptionally light for their size. By combining a range of skin materials with our proprietary Micro-Comb™ core we can engineer a sandwich design to meet a wide range of structural and aesthetic performance requirements.
Giuseppe’s Collection

Viadotto
(Viaduct chair)

Amo
(Fishhook chair)

Sedia
(Classic chair)

Sbalzo
(Cantilever chair)

Spirale
(Spiral table)

Serpente
(Serpent table)

Scabello
(Footstool)

Portabottiglie
(Wine rack)
Why Fulcrum Micro-Comb panels?

The structural advantage of sandwich panels is well known: High performance skins separated by a lightweight core allow stiffness to weight ratios many times higher than is possible with a solid material.

Unique benefits for Furniture and Architectural Panels

Flexible production
Our unique manufacturing process allows us to easily create molds for new shapes. Thus it is possible to create prototypes and one off or small series production pieces both quickly and economically.

Lightweight
The low density sandwich panel construction lends itself ideally to children’s furniture. Low weight also reduces shipping costs.

Large and small sizes
Panels can be as thin as ¼” for wall lightweight wall coverings. Panels can be produced up to 8 feet square for architectural & signage applications.

Thermal Insulation
Fulcrum Micro-Comb has an R-value of 5, making it comparable to most standard insulating foams. This gives the chairs a warm, comfortable feel.

Environmentally Friendly
Our foam is totally recyclable; no CFC’s are used in it’s production. Minimized material reduces the overall environmental footprint of the product.

Multiple Finish Options
Finish can be paint, wood veneer, decorative laminate or left plain for you to finish yourself.