

# evolve systems



**ISO 14001:2004 Registered**  
CGSB #006b



**level**™  
the BIFMA sustainability standard  
SCS-SCF0245-4  
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## PROTECTING THE ENVIRONMENT FOR FUTURE GENERATIONS

Our environmental success story began with the challenge to create an office system that would meet today's business requirements while maintaining a firm commitment to save and protect the environment.

Sustainability became a part of the creative focus and development of Evolve that incorporates the latest technology and design features to provide excellent performance at a competitive price.

As government and industry environment ratings such as LEEDS & Greenguard become more prevalent, Evolve offers designers and architects functional, attractive, and economical office designs that meet these standards.

Evolve is a leader in reducing waste in the manufacturing of its products as well as utilizing recycled materials wherever possible. We make extensive use of recycled plastic and wood waste from other Global factories.

Evolve is committed to the continuous improvement of our environmental systems, the prevention of pollution, and to comply with both the spirit and the letter of all relevant environmental legislation.

Evolve Panels are 100% recyclable at the end of their lifespan. Nothing from an Evolve Panel needs to end up in a landfill.

## PRODUCT INFORMATION

Evolve offers fabrics that are made from 100% recycled polyester, which means less waste going to landfills. These fabrics also reduced the demand for petroleum products, and decrease the environmental impacts of processing those petroleum products into polyester.

Evolve has developed a Panel interior made from 100% recycled wood and polypropylene. Through innovative design and technology, Evolve utilizes waste that would have normally been sent to landfill.

Evolve Panels are insulated with Roxul, a mineral wood insulation made from slag, an inert steel by-product, and basalt rock. Roxul is a high density product that provides maximum sound absorption to reduce noise in the work environment. Roxul insulation is fire resistant, water repellent and will not support the growth of fungi or mildew.

Evolve's epoxy powder coating process involves no liquids and is solvent free. It contains no harmful VOC's or lead. Up to 99% of over sprayed powdered is reclaimed, mixed with virgin powder and reused.

## BEAM

### Power Beam

- All metal components are painted with environmentally friendly epoxy powder.
- Raceway Interiors are coated with recycled epoxy powder.
- The entire Evolve Power Beam and the processes used to manufacture it are designed to save and protect the environment. Evolve panels are made from recycled materials and are 100% recyclable.
- Components conform to CGSB and ANSI/BIFMA Standards
- The quality and performance level of these panels have been tested to equal or exceed the requirements of the U.S. Government.
- Power Beam has a steel frame and is 2 7/8" thick. Corner posts create a panel creep of 3 1/4".
- Leveling Glides extend 1 1/2" high.

### Power Beam Options

- Power Beams are available in the following heights: 24", 30", and 36".
- Module widths come in seven (7) sizes: 36", 42", 48", 54", 60", 66" and 72"
- Straight, 90 Degree & 120 Degree

### Extension Module Options

- Acoustic Fabric (Tackable), Glazed, Open, Laminate, Whiteboard, Air Flow.
- Attaches to the top of the Power Beam or another extension module (not to exceed 42"h above finished floor).
- Offered in 6", 12", and 18" heights
- Can be stacked up to 42" high above the finished floor (A.F.F.)

### Beam Reconfiguration

- Extension Modules can be modified on site by replacing fabric modules with Glazed, Open, Laminate, Whiteboard or Air Flow at any time after the initial installation.
- Fabric can be replaced easily; using pre-cut segments of fabric, a drawstring (C-Jex) is sewn in around the edges. Then a rubber spline is used to 'screen' the fabric in place.

## VOICE/DATA AND ELECTRICAL POWER

- NOTE: Panels and Electric components are CSA/UL approved. Tools are not required to install electrical in the Power Beam.

### Electric Information

- Electric can be run in all three Power Beam heights (24"h, 30"h or 36"h)
  - 8-Wire, 4-Circuit Capability
  - 2 Utility + 2 Dedicated Circuits
  - 10 Gauge (oversized) Neutrals
- All circuits can support up to 20 amps (15 CSA)
- Contact Evolve customer care for additional wiring options.

### Raceway Information

- Raceway knockouts sizes conform to the ANSI/TIA/EIA Furniture Opening Standard of 1.38" x 2.71".
- Power Beam raceway is available at 36"- 72" wide.
- 36"- 60" - 2 electric / 1 data on each side.
- 66" & 72" - 4 electric / 1 data on each side. (When specifying 4 duplexes on one side 2 i-connectors are required per side.)
- Standard data face mount plates can be used without the need of adapter plates (supplied by others).
- **Cabling Capacities** (calculations below are based on .25" diameter communication cables.)
- **Power Modules**
  - Without Electric – 65 Cables
  - With Electric – 54 Cables
- **Panel Connectors - 90 Degree Connector Posts**
  - Without Electric – 45 cables
  - With Electric – 25 Cables

## WORK TABLES

### Freestanding Tables

- Foli height adjustable (23" or 29"d)
- Bungee (20", 24" or 30"d)
- Junction (20", 24" or 30"d)
- 2gether (18" or 24"d)

- **Power Beam is a freestanding beam system and does not support attachment of an Evolve brackets or overhead storage including cantilevers or other support brackets.**

## WARRANTIES AND PERFORMANCE

- A Lifetime Warranty
- Non Obsolescence Warranty
- Reduced cost of assembly and reconfiguration
- ISO9001:2000 Registered
- ISO14001:2004 Registered
- GreenGuard Certified
- ANSI/BIFMA CGSB testing on all products
- For piece of mind over the long term, we cover you with a comprehensive warranty that is supported by our dealer network.
- Some installation companies claim that the Evolve Panels System can be installed in half the time it takes to install most of our competitor's segmented panels. This cost saving can amount to thousands of dollars over the lifetime of our furniture.
- Your assurance of consistent quality to an international standard. Evolve Systems is committed to design, manufacture and distribute superior quality office furniture, which meets or exceeds the requirements of our customers.
- Confirmation that Evolve is committed (1) to providing product that, through their entire life cycle, minimize negative environmental impacts on the environment, (2) to continuous improvement to our environmental systems and programs and (3) to comply to all relevant environmental legislation and regulations.
- Evolve Systems can help a company meet LEED requirements for office furniture.
- Evolve components are tested to the highest standard in the industry. This is your assurance of quality and longevity.



## **TECHNICAL FEATURES OF POWER BEAM:**

- Evolve Power Beam is 2 7/8" thick.
- An aluminum low profile top cap is included with Power Beams.
- Power Beam will accommodate 65 .25" diameter communication cables without electrical or 54 .25" diameter communication cables with electrical.
- 90-degree post extension accommodates 45 .25" diameter communication cables without electrical and 25 .25" diameter communication cables with electric.
- Raceway knockout openings are 1.38" x 2.71".

## **BASIC FEATURES OF POWER BEAM:**

- Power Beam is available in three (3) heights: 24"h, 30"h and 36"h; and seven (7) widths: 36"w, 42"w, 48"w, 54"w, 60"w, 66"w and 72"w.
- There is no panel creep in a straight Beam-to-Beam configuration; however, a corner post (2, 3, 4 way) will add 3.25" inches to a beam run.

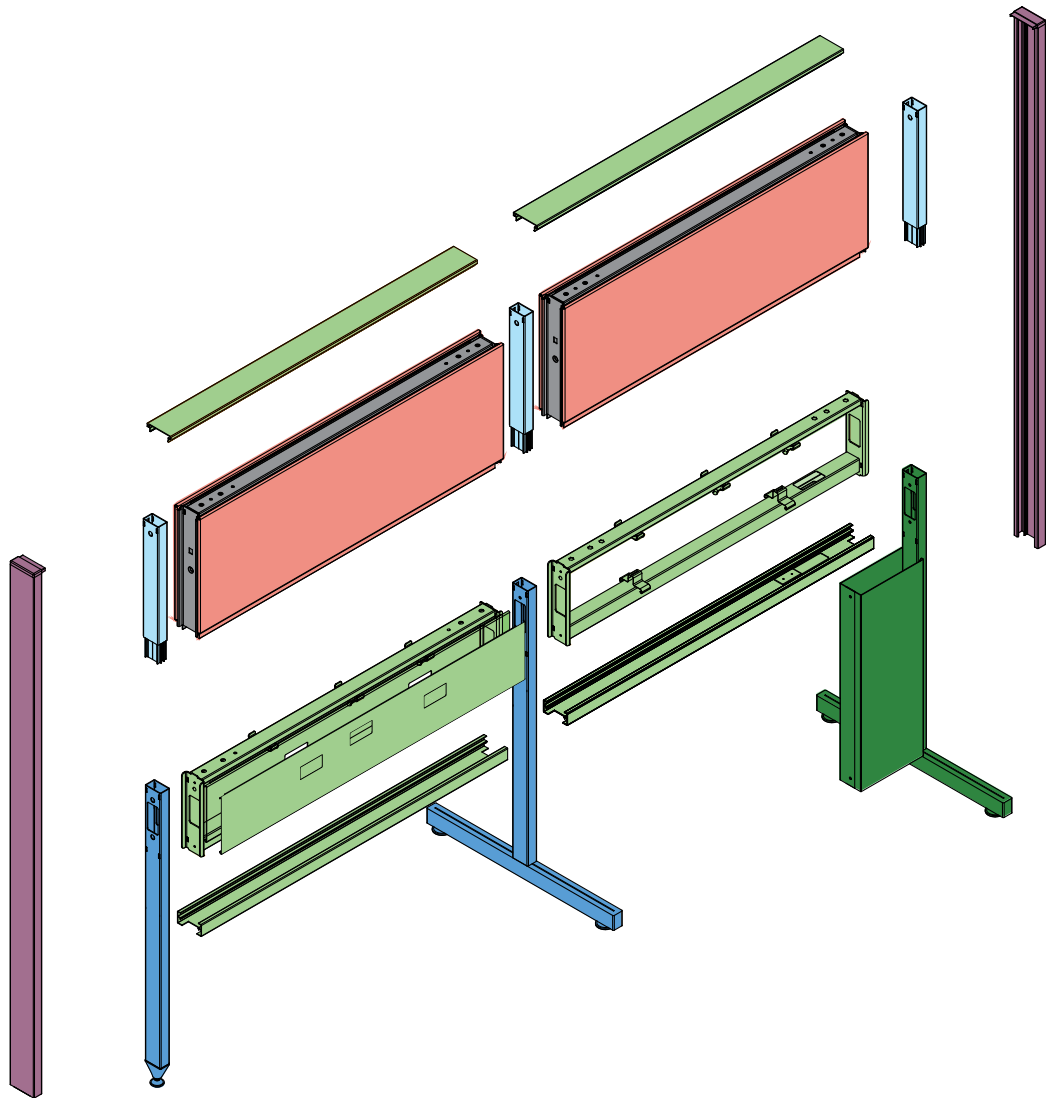
## **BASIC FEATURES OF EXTENSION MODULES:**

- Extension modules stack on the top of a Power Beam or another extension module (maximum height - 42"h, above finished floor).
- Fabric extension modules may have different fabrics on opposite sides within the same grade with no up-charge.
- If different grades of fabric are used on one module, the entire modules will be priced utilizing the fabric with the highest grade.

## **GENERAL WARRANTY INFORMATION:**

- Panel and tackboard textiles, adjustable keyboard mechanisms, tasklights and electrical devices = ten (10) Years
- Other parts = Lifetime Warranty

# POWER BEAM



**POWER BEAM  
RACEWAY**



**VERTICAL  
BASE INFEED  
COVER**



**LEGS**



**EXTENSION  
MODULE  
CONNECTOR**

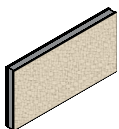


**EXTENSION  
MODULE**



**END OF RUN  
TRIM**

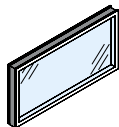
## EXTENSION MODULE MATERIALS



**FABRIC**



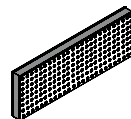
**LAMINATE**



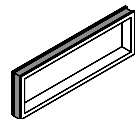
**GLASS**



**WRITE BOARD**



**AIRFLOW**



**OPEN**

