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.
- Componets 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.

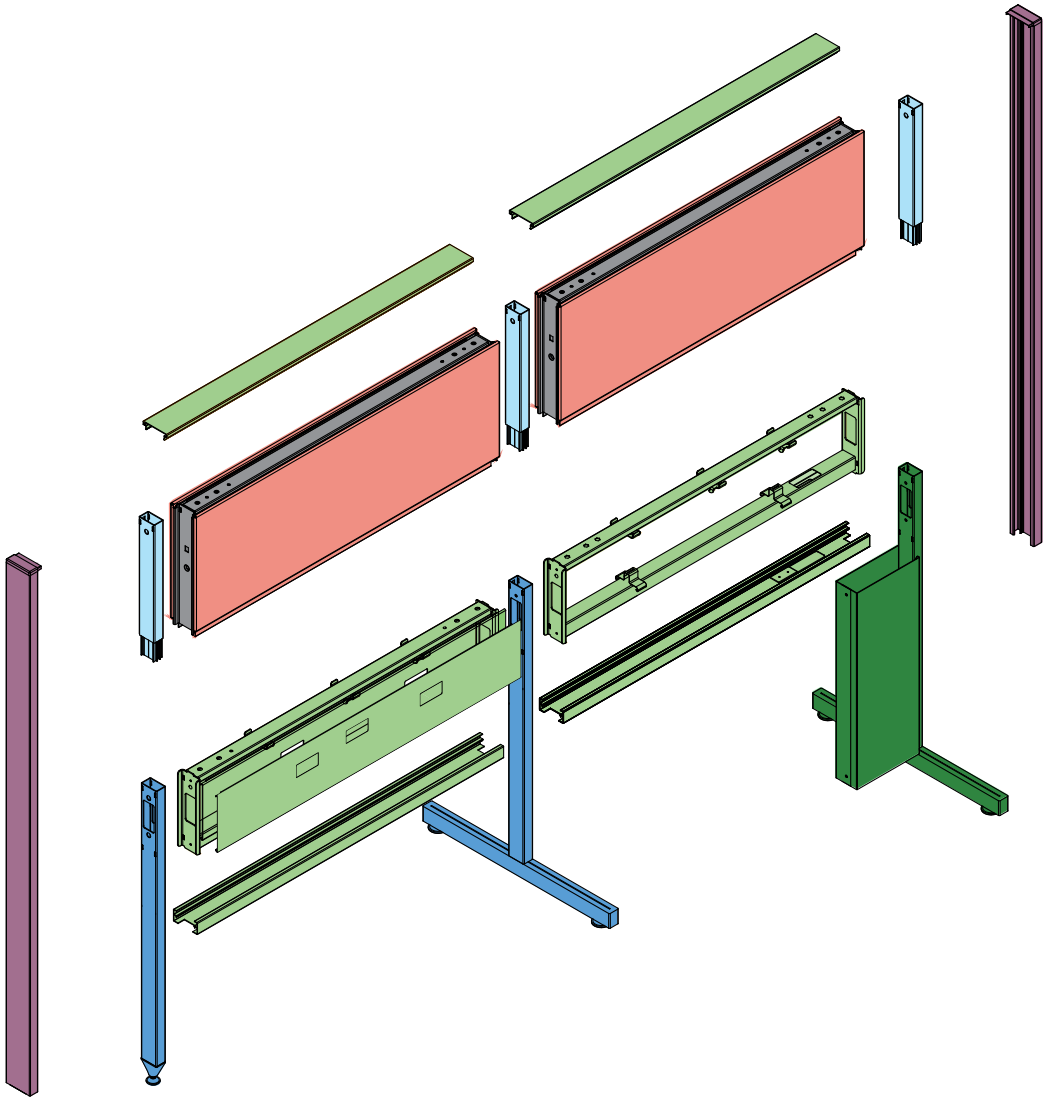
BASIC FEATURES OF EXTENSION MODULES:

- 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

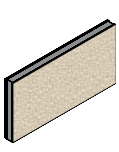
LEGS

EXTENSION MODULE CONNECTOR

EXTENSION MODULE

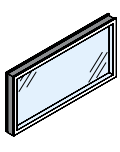
END OF RUN TRIM

EXTENSION MODULE MATERIALS



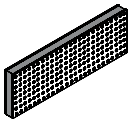
FABRIC

LAMINATE

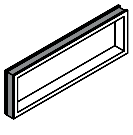


GLASS

WRITE BOARD



AIRFLOW



OPEN