

# technical specification



## zona | system seating

### PRODUCT DESCRIPTION

The clean lined Zona Beam Seating System is both versatile and robust, designed and manufactured especially for projects where the furniture will be in constant use. The seating has been developed to satisfy the most demanding anthropometric and ergonomic requirements while its simplicity and low maintenance requirements ensure the products long term performance. The Zona Seating System also boasts a uniquely clever yet simple hidden leg levelling feature and hidden floor fixing option.

The design offers a system of homogeneous elements in a variety of finishes for ultimate flexibility. The system includes: seat, back, beam, arm, foot, table and bench units.

The design facilitates virtually unlimited permutations – back to back seating, continuous rows arranged in modules of seats and tables from 2 – 7 units. More intimate arrangements can be achieved. For example, the corner unit enables the line of seating to be turned through 90°. Tables can be introduced at any point, replacing a seat according to layout requirements.

The seats, backs and benches are available with plain upholstery, beech veneered plywood or powder coated perforated mild or satin finished stainless steel. If particular requirements demand other combinations the system can be customised.

**BODY SHAPES** Formed to shape from high specification cold rolled mild steel sheet 2.5 mm for seats - 4 mm for backs. Seat and back shapes are supported by 6mm thick mild steel laser cut ribs.

**SUPPORTING BEAM** Fabricated from 75mm diameter x 10 SWG mild steel tube.

**ARMS AND LEGS** Arms and legs are made from solid mild steel bar to provide a strong structure with a light visual appearance with close tolerance machined housings which mount to the beam. Arms and legs can be powder coated to customer specification. Additionally arms and legs can be chrome plated. Arms are optional and can be specified in any configuration.

**REMOVABLE UPHOLSTERY PADS** PVC, hide or fabric, the upholstery material is fitted over fire retardant foam, secured to preformed plywood inner support shapes, which are mechanically fixed to the steel body shapes.

**END CAPS** Machined from solid aluminium billet, machine polished with screen printed Zoefitig or customer logo to face, secured to end of beam by anti tamper socket grub screws.

**HIDDEN FLOOR FIXING** Manufactured from steel the hidden floor fixing can be applied when fix down application is essential.

**TABLES** Constructed from high pressure compact laminate faced on top & bottom using decorative laminate. Alternatively table tops can be fabricated from perforated mild steel or stainless steel sheet with rolled edges. Mild steel can be finished to customer specification. Tables are interchangeable with any seat place. Solid laminate tables are reversible.



[www.zoefitig.com](http://www.zoefitig.com)

Zoefitig Ltd Kings Hill Industrial Estate, Bude I North Cornwall, EX23 8QN, United Kingdom ph: +44 (0) 1288 35 45 12 f: +44 (0) 1288 35 59 54 e: sales@zoefitig.com

Zoefitig Inc 8770 West Bryn Mawr Ave, Suite 1300, Chicago, Illinois, 60631-3515 USA ph: +1 773 867 8560 f: +1 773 867 2910 e: sales@zoefitig.com

# zona | technical specification

PAGE 2 OF 2

## BACK TO BACK SPACER BRACKETS

Available for maintaining the correct distance between rows of seats when placed back to back.

## ASSEMBLY

Seating is shipped in sub-assemblies to facilitate fast on-site assembly. Alternatively the seating can be shipped fully assembled depending on client / project requirements. A full explanation of assembly is available on request.

## FINISH

Beam and body shapes: Pretreated and epoxy polyester powder coated. Alternatively a superior quality can be specified by using a metallic powder base coat, top coated with clear polyester lacquer to give a durable finish, resistant to finger marks.

## TECHNICAL DATA

### SEAT AND BACK

2.5 mm – 4 mm CR4 Mild Steel sheet formed to shape. Mechanically fixed to 6mm thick laser profiled ribs.

### TUBE

Fabricated from 75mm dia x 10 SWG ERW HRPO KM1 to B.S6323 Part 5.  
Wall thickness tolerance 2.95 mm to 3.57mm.

### RIBS

Laser cut profiles from Mild steel (EN43A P&O) x 6mm thick.

### ARMS AND LEGS

12 – 14 mm mild steel bright bar BS1052

### PAINT

Powder Coating Thickness – 50-70 microns  
Lacquer Thickness – 50-70 microns  
Overall Thickness – 100-140 microns  
Gloss % (after powder coating & lacquer) = 105-120%

### FOAM/CUSHION

Pressure reducing seat cushion in response to growing demand for a remedy to combat problems associated with sitting for lengthy periods of time. Foam/Cushion design helps prevent circulatory pressures which can cause discomfort. Foam comprises of two distinct layers which carry out different but equally important functions. The upper layer forms to the body's shape. The supporting layer improves support and flexibility for the upper layer. The seat cushion is fully supported by seat and back steel panels/forms.

Density of foam cushion to be a combination of CMF60F and Reflex650F. All foams are X rated for continuous use as per ISO 3385:1989. (CM = Combustion Modified/Fire retardant, Reflex = Fire retardant memory foam, X = Extremely severe)

### TYPICAL DIMENSIONS

|           |  |
|-----------|--|
| Seat size |  |
| width     | 550mm centres  |
| depth     | 667mm  |
| height    | 826mm  |
| weight    | per seat place approx. 25 kgs (based on a 4 seat beam) |

Electronic footprints are available on request.

