

Radial Seat Unit

Product specification

Dimensional information

Seat dimensions:

Standard 16 seat configuration
6000mm (seat width) x 1600mm (seat depth)

Product range

Both width and angle of the seat segment can be produced to individual requirements.

Arms available with the option of site fitting.

Seat and back pads available with option of site fitting.

Full range of integrated tables.

Construction detail

Framework:

Seat support beam 70mm OD X 4mm tube, seat frame high-pressure die cast aluminium seat and back support. Seat and back 2mm pre-formed perforated steel sheet.

Leg free standing

High-pressure die cast Aluminium leg with columns of minimal size fitted with damage resistant chromed steel tubes for added protection against damage from cleaning equipment.

Frame Finish

All exposed surfaces finished in a durable Interpon D36 polyester powder coating. Standard finish: Acier Metallic Grey (to RAL 9007) – other colours available on request. The coating conforms to BS6496. Special undercoat is applied for outdoor use.

Optional Upholstery pad set:

The separate seat and back pads are produced by a fully automatic process keeping the foam and fabric under permanent tension ensuring that pads are manufactured to a consistent shape and quality with no visible seams and no wrinkling of the fabric.

The foam is 20mm thick, CMHR 60 heavy contact density conforming to BS3379: 1991 (MAD 7126) Class X.

Upholstery fabrics conform with 100,000 rubs on the Martindale Scale. Vinyl fabrics to BS:5790: 1996 Part 1 Type 2 Grade X, and the finished upholstery to have a Fire test Certificate to BS5852 crib 5.

Passenger comfort

Ergonomically correct sitting position; the seat and backs are profiled to provide a comfortable and correct sitting posture. The back rest is contoured to the shape of the spine.

Seat and back frames form a rigid and stable box structure that ensures minimal disturbance from other users.

Seat sitting position requires little effort to get into or out of the seat for elderly and less agile passengers.

Cleaning & Maintenance

Simple wiping down of the finished frame parts is all that is required to ensure that the seating retains its first class appearance, the seat and back units allow for the self-shedding of waste to the rear of the seat, with minimal obstruction at floor level to enable easy access for floor cleaning.

The optional seat and back upholstery pads require vacuum cleaning and are easily removed and replaced by maintenance staff so that refurbishment can be carried out quickly on site without taking the seat out of action.

Safety and Security

Legs are simple columns of minimal size, giving maximum visibility beneath the seating minimising the opportunity for concealing items.

No potentially hazardous gaps between seating places in which fingers or tiny feet could be trapped.

Test criteria

Test certificates from an approved independent test house:

Seat units:

BS4875 Part 3: Strength to Level 5 (Severe contact use)

BS4875 Part 4: Stability

BS5459 Part 2: Horizontal and Vertical fatigue test on arm unit

BS4875 Part 1: Drop test on one leg

Flame Retardancy BS 5852: 1990 Section 5 (Crib)

Surface Coating: BS6496