

Outdoor Seat Unit

Product specification

Dimensional Information:

Overall seat depth single unit:	640mm
Seat width:	550mm
Seat height:	450mm
Overall height:	825mm

Units available in 3 or 4 seater units

3 Seater: 1650 (l) x 640 (w) x 825 (h) mm

4 Seater: 2200 (l) x 640 (w) x 825 (h) mm

Construction information:

Floor fixed base:

Seats supported on 2 columns which are floor fixed to station platform, to provide minimum floor obstruction and easy access for cleaning equipment.

Main seat support beam and columns to be 70mm OD x 4mm tube with floor fixing plates, giving 4 fixing points per leg. Cover plate should be provided to hide all fixings.

Framework:

Seat frame – high pressure die cast aluminium seat and back support. Seat and back – 2 mm pre-formed perforated steel sheet. Hole size and pattern to allow for easy dispersion of water.

Seat Unit Finish:

Seats, backs and frame to be finished to Plascoat PPA 571 coating for outdoors

Optional – seats can be finished in stainless steel

Arm Units:

Arms to be finished to Plascoat PPA 571 coating for outdoors

Optional finish of polished aluminium

DDA Compliant

All seating to meet DDA requirements:

- seat height 450mm
- seat width 550mm
- arm unit colour should contrast against seat unit for the visually impaired
- arm unit height – 200mm above seat bottom
- arm units omitted at end of each seat to allow for larger passengers
- seat units fixed to platform
- layout planning should allow sufficient space to be left between rows of units for wheelchairs to be positioned at the end

Passenger comfort

Ergonomically correct sitting position, the seat and backs should be profiled to provide a comfortable and correct sitting posture.

The back rest should be 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

The seat and back units should allow for the self-shedding of waste to the rear of the seat and the finished frame parts should only require simple wiping down to ensure that the seating retains its first class appearance.

Safety

Seat to have rolled over front edge and top of back to leave no exposed sharp edges
No gaps between seating places in which fingers or tiny feet could become trapped.

Test Criteria

Seat units should be tested to BS 4875 – 1: 2001 – Test Level 5