



ALUMINIUM SEATING SYSTEM

Description

A complete proprietary system including heavy-duty aluminium seat supports and anodised aluminium seat plank with cast aluminium end caps.

Aluminium Seat Section

Extruded aluminium alloy (6060-T5) seat plank 250mm wide with two longitudinal flanged ribs as part of the extrusion. The longitudinal ribs run continuously for the length of the seat and provide secure fastening for the seat supports.

- Standard lengths – 1.5m, 2.0m, 3.0m, 4.0m & 6.0m
- Nominal wall thickness: 2.5mm
- Finish: Clear anodised 15 microns

Seat Support

Fabricated from 32 x 3mm & 50 x 3mm aluminium alloy tube (6060-T5) with 80 x 10mm & 100 x 10mm aluminium alloy flat bar (6060-T5). Tube and flat bar are fully welded according to (AS-1554).

- Standard Finish: As extruded

Seat End Caps

Manufactured from cast aluminium to fit seat extrusion

- Standard Finish: As cast
- Manufactures name embossed in end cap

Assembly

Fit end caps using two (2) x 4.8mm aluminium pop rivets through the underside longitudinal flanges.

Seat supports fitted using two (2) x non-corrosive mechanical fasteners through the underside longitudinal flanges. Fasten with minimum 25 x 6mm zinc-plated bolts with nylon insert nuts.

IMPORTANT – Seat supports to have a spacing of not more than 1.8m

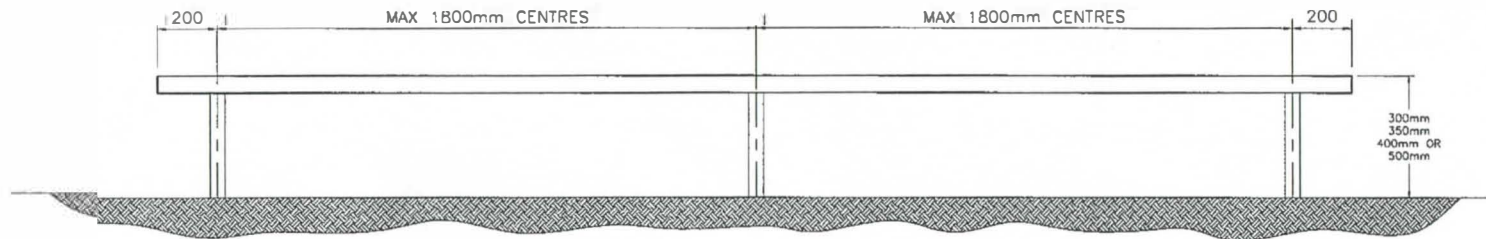
NB: - all seat supports are manufactured with four (4) holes in the top fixing plate. All four holes are used when joining two seat lengths together. In standard installations use any two diagonal holes to assemble.

Installation

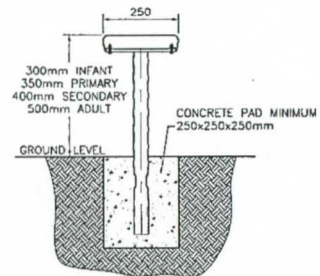
In ground - Set in-ground seat supports in concrete footings minimum 200 x 200 x 250mm deep. Increase footing size as required for variations in site conditions.

On ground- Secure bottom plate to concrete with minimum 10 x 50mm zinc-plates masonry anchors (tack welding or burring of anchor threads with hammer is recommended to prevent unwarranted removal of support).

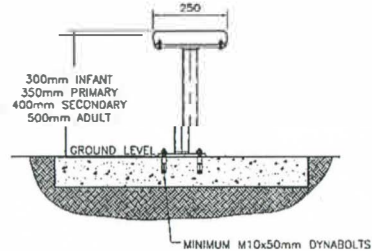
www.babaluminium.com.au



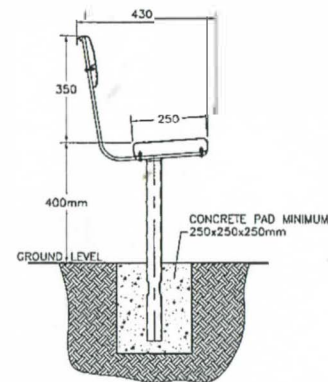
TYPICAL BENCH SEAT SPACING



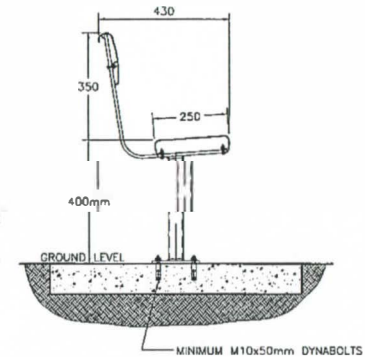
BENCH SEAT
(CAST INSITU)



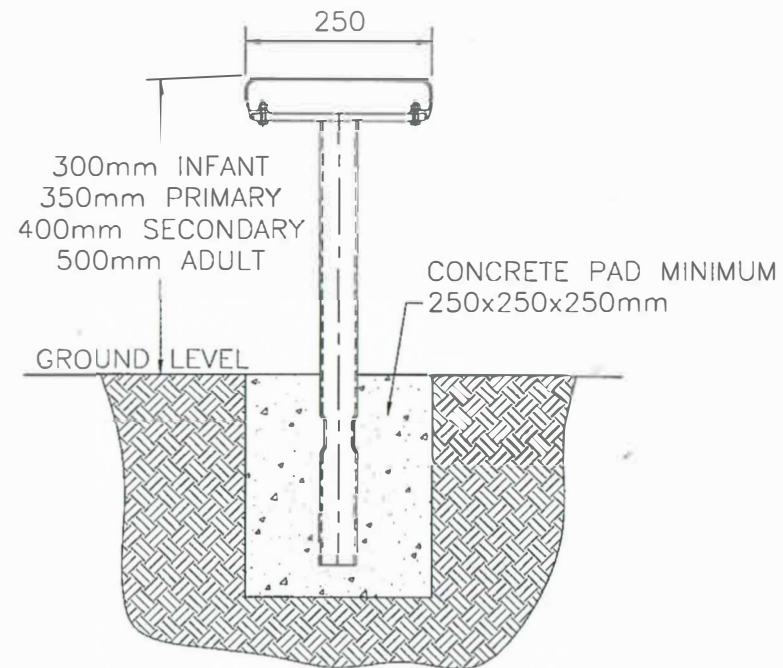
BENCH SEAT
(POST FIXED)



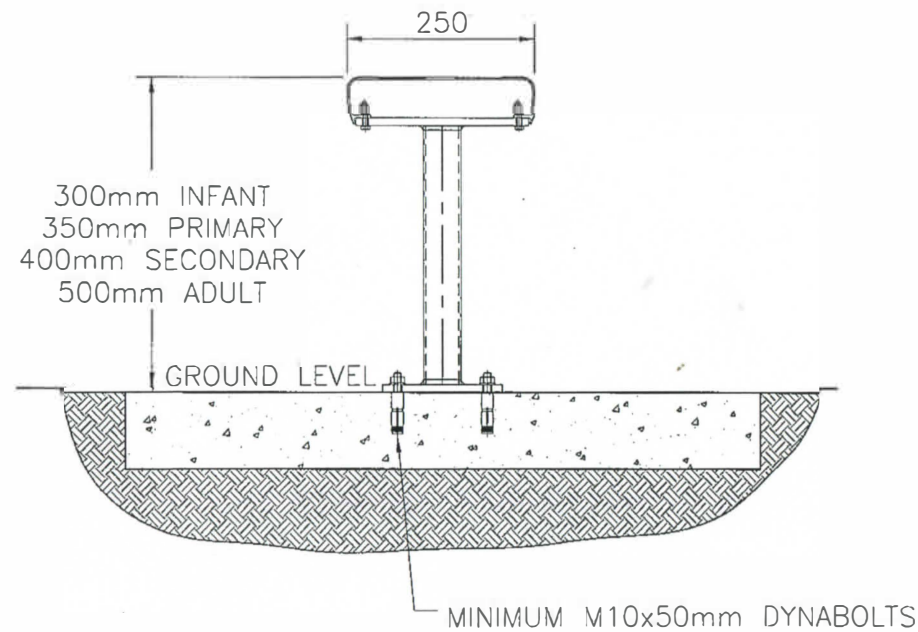
BENCH SEAT WITH
BACKREST
(CAST INSITU)



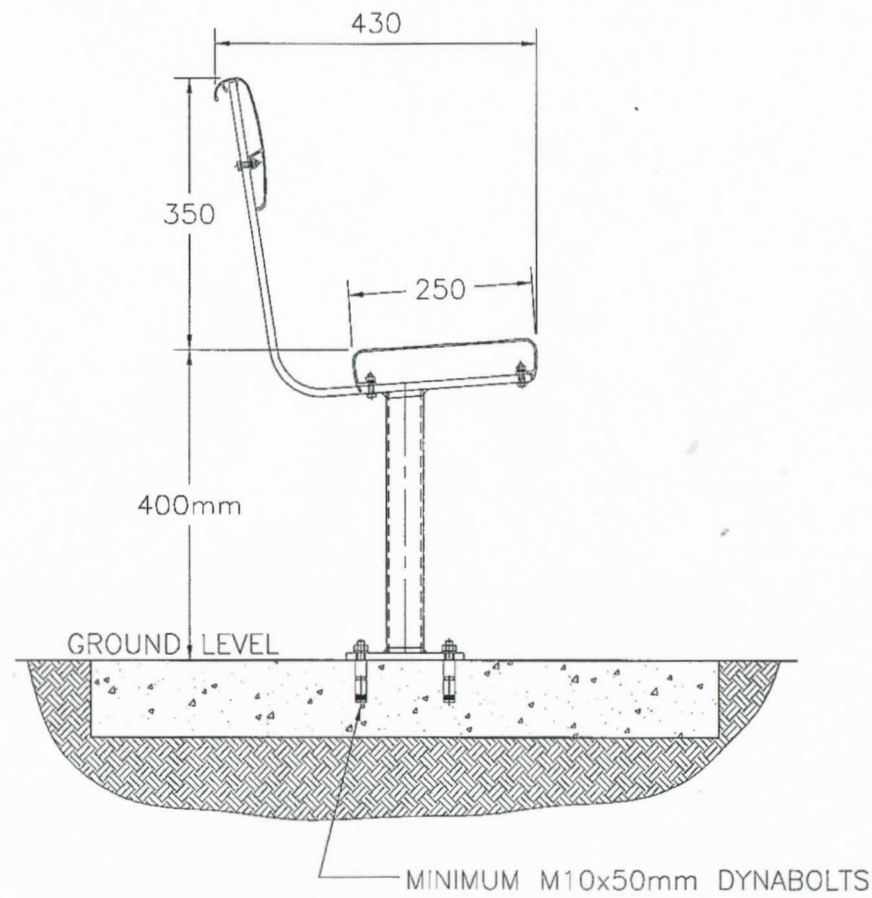
BENCH SEAT WITH
BACKREST
(POST FIXED)



BENCH SEATING CAST INTO CONCRETE FOOTINGS

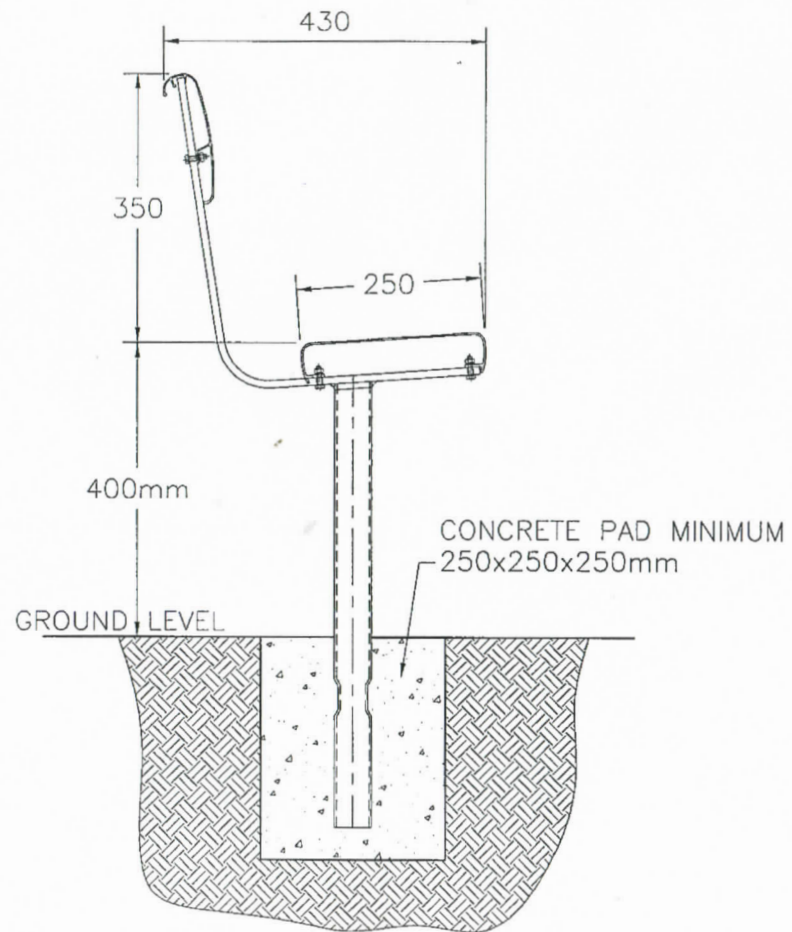


BENCH SEATING POST FIXED ONTO CONCRETE



BENCH SEATING WITH BACKREST FIXED ONTO CONCRETE

BAB
ALUMINIUM



BENCH SEATING WITH BACKREST CAST INTO CONCRETE