

# IPS - INTEGRATED PANELLING SYSTEM

## FRAME WORK

Site Frame: Framing shall be manufactured extruded aluminium base and head rails, with rolled metal wall channels.

Sub frame: Extruded aluminium sections with pressed steel corner brackets for bracing.

## FIXING

Male / female plastic push pull clips, panel joggles, fixing screws, hinges, rivets, tie backs, fixing packs and location brackets shall be Propriety fixings.

## PANELS

Panels shall be Compact Laminate, MR Board or other approved materials, colours as per project specification.

See relevant manufacturers' specification sheets for board details.

All panels to be designed in sections for ease of installation and for access to concealed services.

- Butt joints - are machined square and shall have a tolerance of 1.5mm.
- Panel deflection - allowance shall be 1.5mm deviation from a 2.4m straightedge placed in any position.
- Panel Deflection under Max Load (150kg) – shall be 5mm
- Panel Arris width variance – shall be 0.5mm
- Maximum Deviation - of edges from the intended true line: 1mm

## PANELS

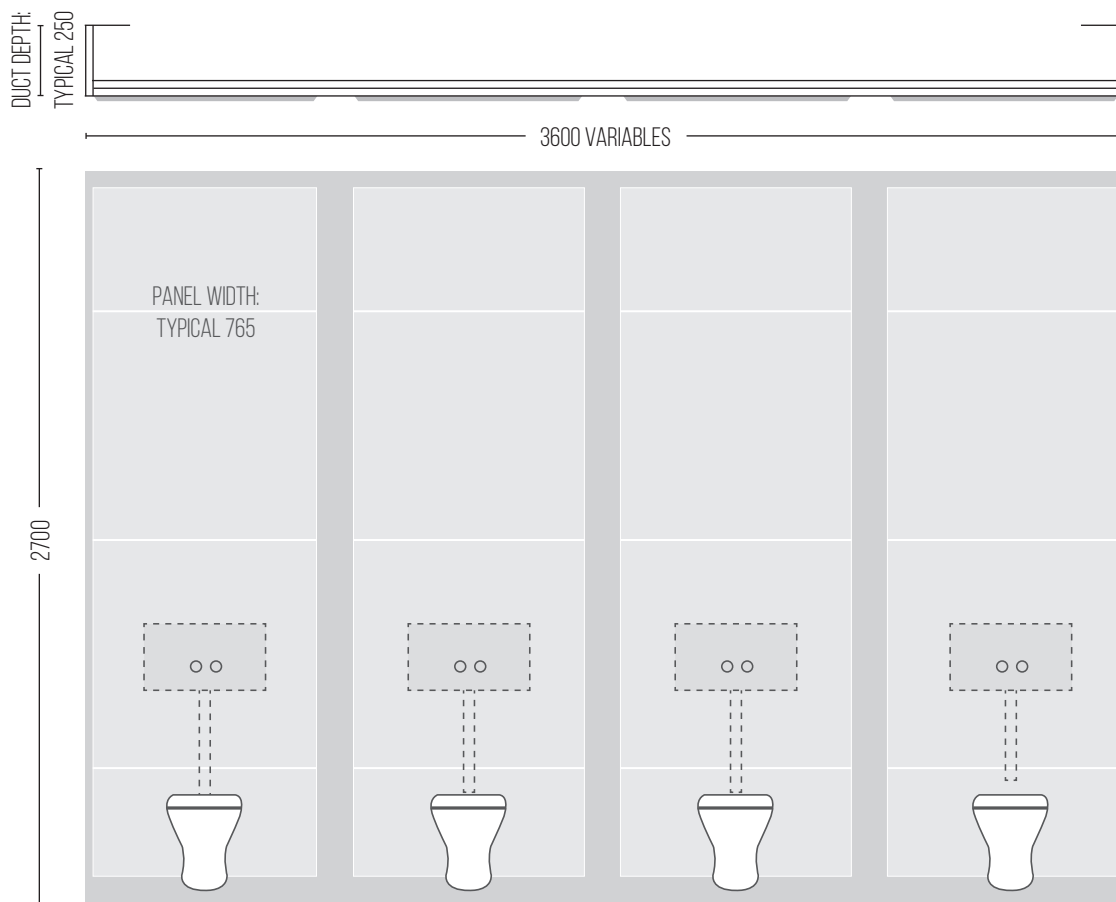
Compact Laminate or MR Board with decorative surfaces both sides, with 13mm / 18mm nominal thickness.

## INSTALLATION

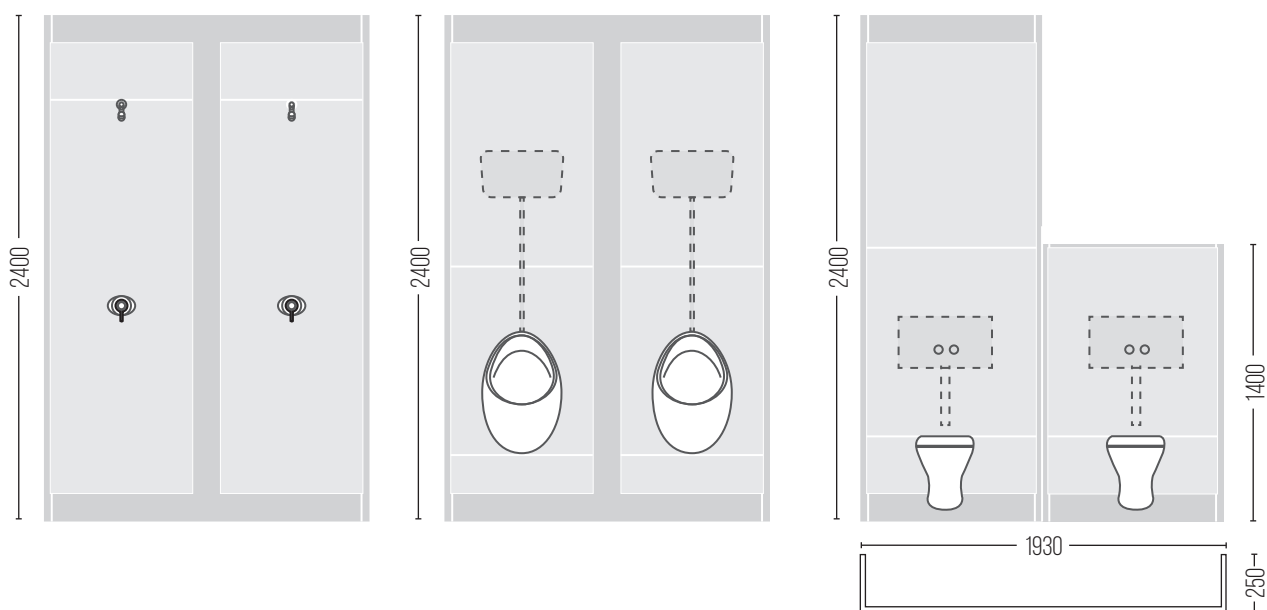
Installation is to be done in accordance with the Aqualoo Installation Manuals and guidelines. It is imperative that the structural integrity of walls, ceilings and floors are capable of taking the dynamic and static loads imposed by the fixings to support vanity units, cubicle and duct systems. All Surfaces being fixed into should be firm and stable, without deflection and have good fixing retention properties over the length and width of the bearing surface. IPS walls will be plumb and true on installation. Any breach between IPS units and deflections in wall surfaces should be no greater than 5mm, and can be filled with an approved silicon sealer. Gaps between and IPS units and wall deflections greater than 5mm remain the responsibility of the building contractor to rectify. Particular care should be taken with studwork walls, poor security of fixings will compromise the performance and could lead to failure of the vanity units, cubicle or duct systems. Suitable fixings should be selected for the appropriate structural supporting wall / ceiling / floor material.

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## STANDARD WC UNIT

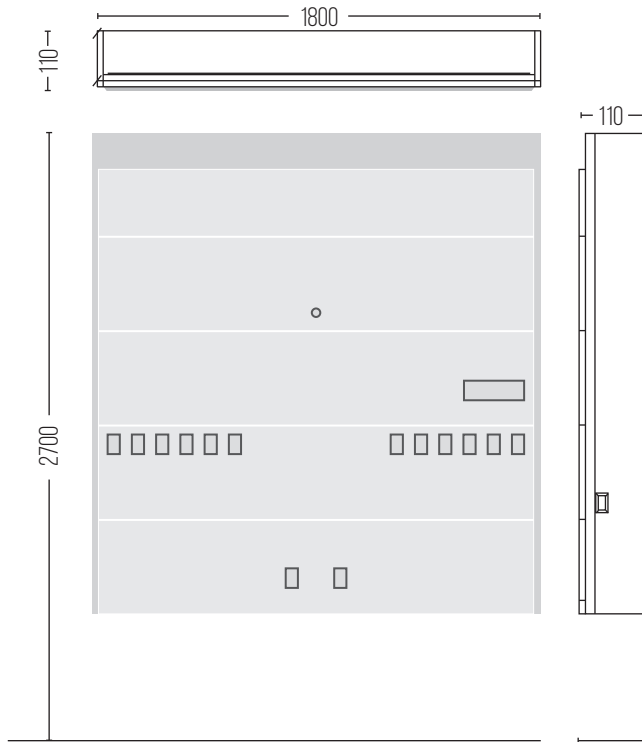


## TYPICAL SHOWER / URINAL / TOILET IPS



# IPS - INTEGRATED PANELLING SYSTEM

## TYPICAL BEDHEAD IPS



## TYPICAL WASH BASIN IPS

