

BEScube System

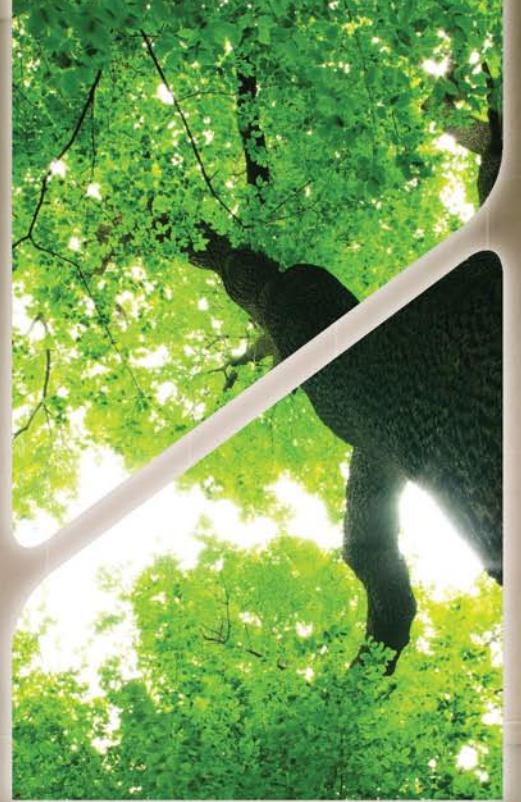
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ZMS/AluH-SS.13.05.001

ZMS

The combination of stainless steel and aluminium accessories in this system creates a cubicle with a class different from the rest. The charm in this system lies in the sensual experience created by the finishing of the materials. This system in the ZMS series proves to be the most versatile design. Just as with any other restroom cubicles, this system could be customised to any design requirements.



ZMS Accessories + Specifications + Drawings

Aluminium + Stainless Steel (grade 304)



General

BESCO™ supply and install ZMS Restroom Cubicle System, which is highly resistant against water, chemical and impact.

Materials

All accessories shall be made of stainless steel grade 304 and all hardware/ fittings shall be made of anodised aluminium grade 6063-T5. Powder-coated aluminium option is available upon request. The doors, pilasters and intermediate partitions shall be 12mm thick High Pressure Laminates (HPL) compact board (or phenolic board) with chamfered edges.

HPL compact boards are manufactured from sheets of special kraft and decor papers, impregnated with thermosetting synthetic resins, fused together under heat and high pressure. HPL compact board has laminates on both sides with either matt finish or textured finish. The performance of the board is tested according to BS EN Standards and has the following rating:

- | | |
|---------------------------|--------------------------------|
| ► Boiling Water (EN438-7) | : 8.4 (Within max. 11.5) |
| ► Fire Rating (EN476-6/7) | : Class 1 (meet min. 1) |
| ► Impact (EN438-11) | : 2.8 Newton (exceed min. 2.0) |
| ► Stain (EN438-15) | : 5 (exceed min. 4) |
| ► Scratch (EN438-2) | : 4 Newton (exceed min. 2.0) |

It is a natural occurrence under various climatic conditions that HPL compact boards may undergo dimensional changes of tolerance differences within ±5mm.

HPL compact boards used in our systems are certified by Singapore Environment Council with Singapore Green Label.

Doors

All doors shall be of single colour, 12mm thick HPL compact board with chamfered edge. Each will be supported by 3 Stainless Steel Hinges (4 Stainless Steel Hinges for Door width ≥ 750mm) affixed to the pilaster, completed with Stainless Steel Coat Hook and Stainless Steel Door Knob.

Pilasters

All pilasters shall be of same colour as doors, 12mm thick HPL compact board with Aluminium Door Stopper profile (incorporated with Rubber Lining to dampen noise) affixed on one vertical side and completed with Stainless Steel Thumbturn for locking doors. Colours different from doors are available upon request. The pilaster shall be anchored to the floor using Stainless Steel Adjustable Leg (base Ø64mm) with threaded rod for stability. The floor clearance is 150mm. BESCO™ recommends standard pilaster width to be 300mm and end pilaster width to be 150mm for maximum stability.

Intermediate Partitions

All intermediate partitions shall be of same colour as door, 12mm thick HPL compact board with Aluminium U-channel, 25mm x 16.5mm x 1.8mm (cross-section dimension, L x W x Thk), affixed at its ends (to the wall and pilaster). To improve stability of the system, BESCO™ recommends that length exceeding 1700mm to be fitted with an extra Pedestal or increase thickness to 19mm HPL compact board.

Top Rail

Heavy-duty Aluminium Top Rail Channel (natural anodised coloured), 77mm x 35mm x 1mm (cross-section dimension, W x H x Thk), shall be section fixed onto the top of the pilaster for maximum strength, stability and alignment of the system.

Accessories

Each restroom cubicle will be equipped with the following accessories:

- BESCO™ Stainless Steel Door Knob of either Ø50mm, Ø42mm or Ø30mm with anti-slip groove.
- BESCO™ Stainless Steel Thumbturn with occupancy indicator. Stainless Steel Lock Set is also available upon request.
- BESCO™ Stainless Steel Coat Hook with rubber stopper comes with/ without cover and allow load up to 25kg.
- BESCO™ Stainless Steel Hinges with cover, adjustable from fully close to open at interval of 15°.
- BESCO™ Stainless Steel Adjustable Leg with brushed finish has a working range from 105mm to 165mm.

Compartment's Dimension

The recommended restroom cubicle size:

- 800 - 900 mm by 1500 - 1800 mm by 2003 mm (W x D x H).
- Visible height of restroom compartment measured from top of the Top Rail is 2003 mm (inclusive floor clearance of 150 mm).
- Door size shall be between 600 mm - 700 mm in width.
- Door size shall be between 900 mm - 1000 mm in width for ambulant restroom.

Finishes

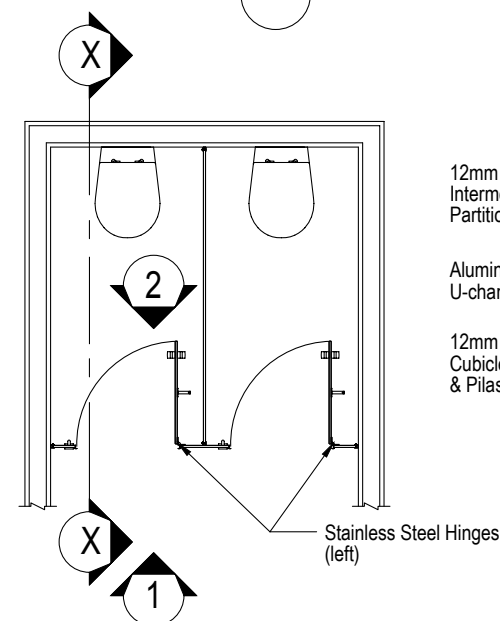
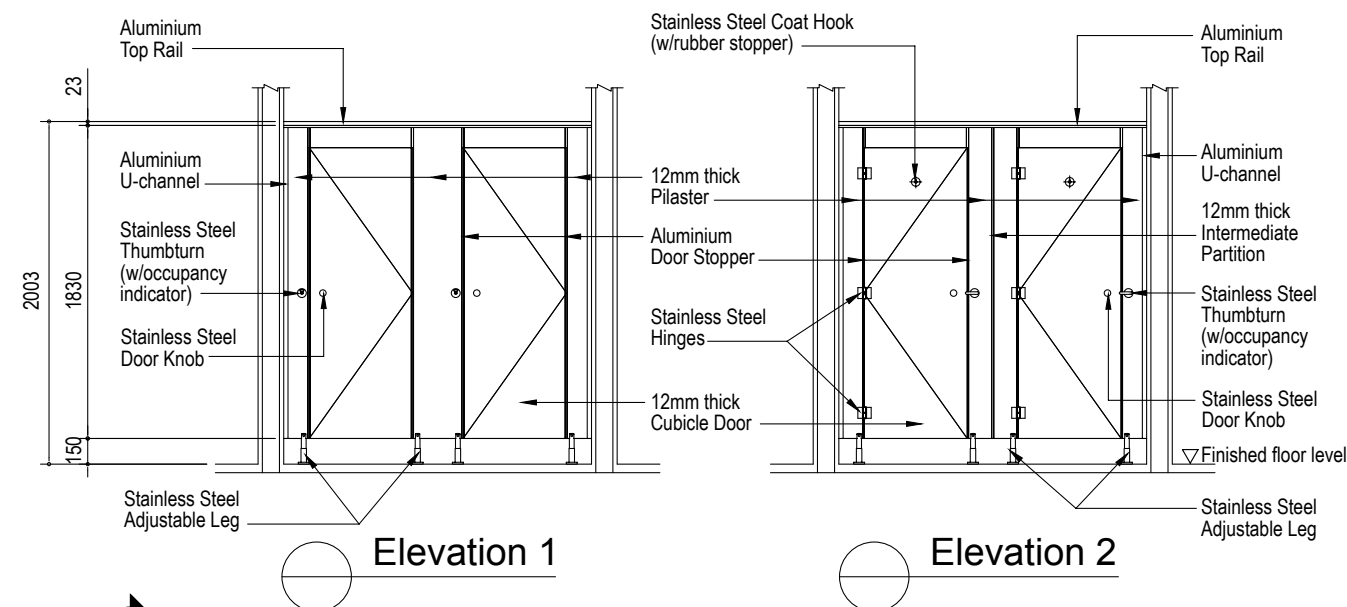
HPL compact boards are available in a variety of brilliant colours, woodgrains and tactile patterns. For surface finishes, you have the choices of matt or glossy. New 'MicroDot' tactile finish is available upon request.

Installation

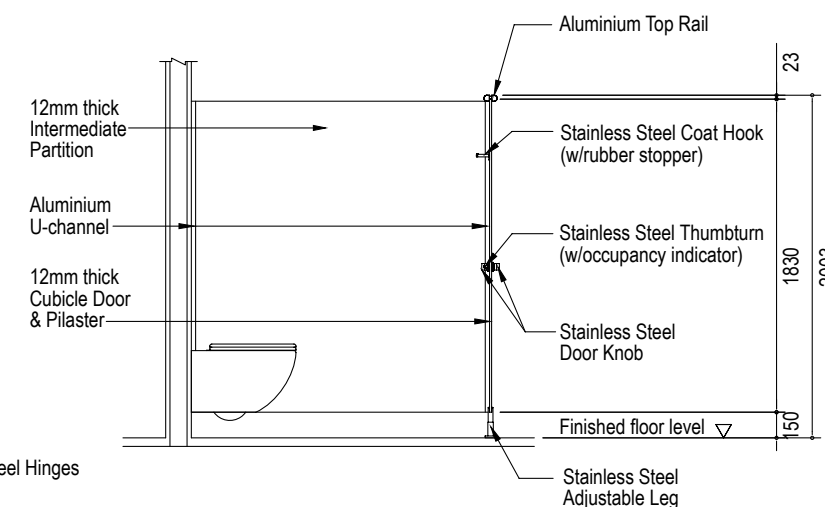
Installation will be executed under the supervision of BESCO™'s site supervisor(s) and shall be carried out in accordance with BESCO™ installation instructions.

Part Numbers

01. SS Door Knob (dia-50mm, pair)
02. SS Door Knob with recess (dia-42mm)
03. SS Door Knob (dia-30mm, pair)
04. SS Coat Hook (w/cover)
05. SS Tri Base Coat Hook
06. SS Thumbturn (w/occupancy indicator)
07. SS Lock Set (w/occupancy indicator)
- 08a. SS Hinge (w/cover - Left)
- 08b. SS Hinge (w/cover - Right)
- 08b. SS Ambulant Hinge
09. SS Adjustable Leg
- 10a. Nylon Top Rail End Capping
- 10b. Alu Top Rail (5650mm)
- 11a. Alu U-channel (3660mm)
- 11b. Alu Corner Channel (3660mm)
- 12a. Alu Door Stopper (3660mm)
- 12b. Door Stopper Rubber Lining (1830mm)

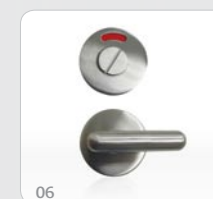
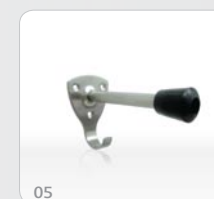
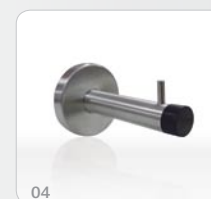
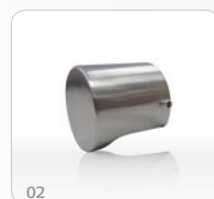
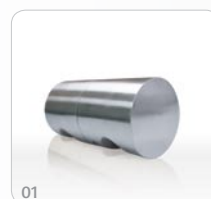
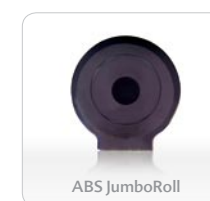


Layout Plan of Restroom Cubicle



Section X-X

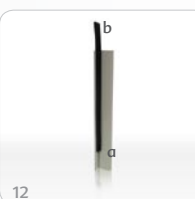
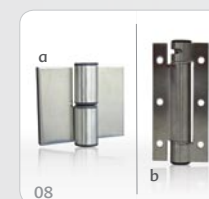
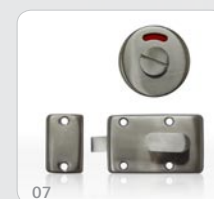
Optional:
Jumbo Roll Holders



► Aluminium is available in white /grey powder coat or black / natural anodized finishing. Other colours available upon request.

* Please check with your local distributors for more information.

► SS accessories in grade 304.
► SS Hinges - normal is available upon request.



Formica® Compact® Grade Laminates are certified by Singapore Environment Council with Singapore Green Label.

FLOOR MOUNT