

BEScube System

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ARTEMIS^{series} 13.06.001

BescoTM
MANAGING SPACE



ARTEMIS^{series} ceiling

A concoction of elegance and strength — ARTEMIS cubicle systems were created. It is the epitome of modern restroom cubicle designs through its integration of mirrors within a sturdy and robust pilaster. Ease of maintenance is meticulously taken care of with its streamline designs as well as a world class appearance.

ARTEMIS^{ceiling} Accessories + Specifications + Drawings

Stainless Steel + Aluminium

General

BESCOTM supply and install* ARTEMIS^{ceiling} 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 powder-coated aluminium grade 6063-T5. Anodised aluminium option is available upon request. The doors 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 $\pm 5\text{mm}$.

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, 12 mm thick HPL compact board with chamfered edge. Each will be supported by 3 Stainless Steel Hinges (4 Stainless Steel Hinges for Door width $\geq 750\text{mm}$) affixed to the pilaster, completed with Stainless Steel Door Lock and Stainless Steel Coat Hook.

Pilasters

All pilasters shall be made of powder-coated aluminium grade 6063-T5, centre Pilaster - 202mm x 55mm x 6mm (cross-section dimension, W x D x Thk). End Pilasters - 101mm x 55mm x 6mm (cross-section dimension, W x D x Thk). Pilaster's front face is fitted with mirror/glass or HPL and powder-coated Metal Box-up. Anodised aluminium option is available upon request. All pilasters will be suspended from the wall mounted Top Rail and section fixed with a galvanised steel plate. An acoustic Rubber Lining shall be incorporated to the pilasters for dampening out door banging noise. The pilasters' height can go up to 2900mm inclusive of 100mm floor clearance.

Top Rail

Heavy-duty Galvanised Steel Rectangular Hollow Section, 100mm x 50mm x 4.5mm (cross-section dimension, L x W x Thk), act as a top rail shall be concealed by false ceiling and secured to the wall using Mild Steel Pilaster Bracket.

Intermediate Partitions

All intermediate partitions shall be of same colour as door, 12mm thick HPL compact board with aluminium concealed U-channel, 27mm x 26.5mm x 1.2mm (cross-section dimension, L x W x Thk), affixed at its ends (to the wall and pilaster). To improve stability of the system, BESCOTM recommends that length exceeding 1700mm to be fitted with an extra Pedestal or increase thickness to 19mm HPL compact board.

U-channel Cover

U-channel Cover is specially designed to conceal screw heads. It is easily installed by snap fitting onto the U-channel.

Accessories

Each restroom cubicle will be equipped with the following accessories:

- BESCOTM Stainless Steel Lockset with round occupancy indicator.
- BESCOTM Stainless Steel Coat Hook with rubber stopper allows loads up to 25kg.
- BESCOTM Stainless Steel Hinges with cover, adjustable from fully close to open at interval of 15°.

Compartment's Dimension

- The recommended restroom cubicle size: 850 - 900mm by 1830mm by 2500mm (W x D x H).
- Visible height of restroom compartment measured from FFL to false ceiling is 2500mm (inclusive floor clearance of 100mm).
 - Door size shall be between 600mm - 750mm in width.
 - Door size shall be between 900 mm - 1000 mm in width for ambulant restroom.

Finishes

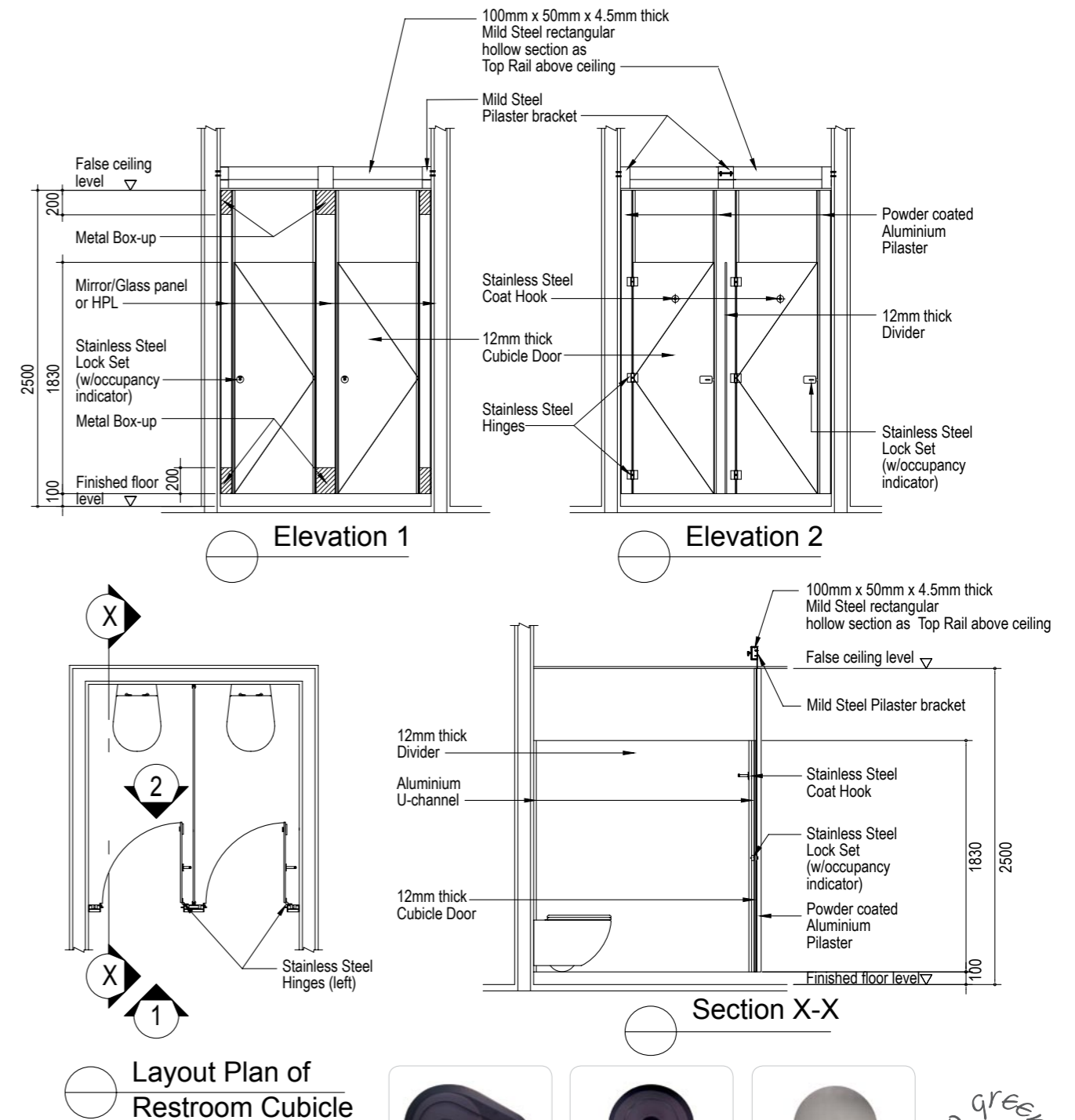
HPL compact boards are available in a variety of brilliant colours, woodgrains and tactile patterns. For surface finishes, you have the choices of matt or glossy. New 'MicroDot' tactile finish is available upon request.

Installation

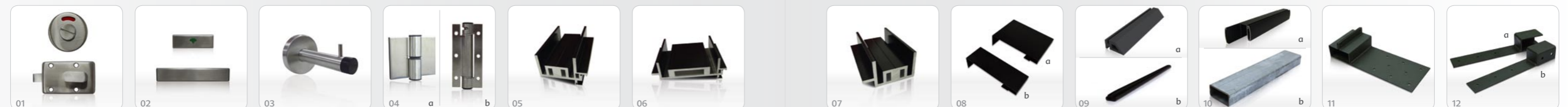
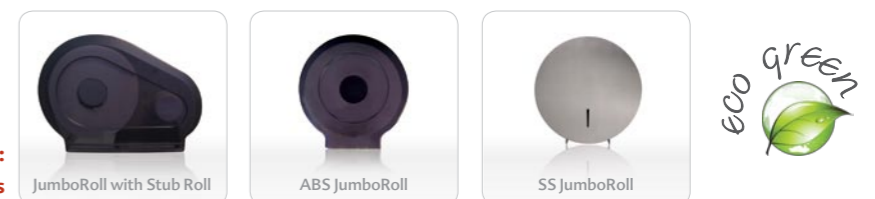
Installation will be executed under the supervision of BESCOTM's site supervisor(s) and shall be carried out in accordance with BESCOTM installation instructions.

Part Numbers

01. SS Lock Set (w/round occupancy indicator)
02. SS Long Lock Set (w/occupancy indicator)
03. SS Coat Hook (w/cover)
- 04a. SS Hinges (w/cover - Left)
- 04b. SS Hinges (w/cover - Right)
- 04b. SS Ambulant Hinge
05. End Pilaster (w/latch)
06. Centre Pilaster
07. End Pilaster
- 08a. Metal Box-up (centre pilaster)
- 08b. Metal Box-up (end pilaster)
- 09a. Latch Rubber Lining
- 09b. Door Stopper Rubber Lining
- 10a. Concealed U-channel
- 10b. Mild Steel Rectangular Hollow Section
11. Mild Steel Pilaster Bracket - Centre
- 12a. Mild Steel Pilaster Bracket - Left
- 12b. Mild Steel Pilaster Bracket - Right



Optional:
Jumbo Roll Holders



- SS accessories in grade 304.
- SS Hinges - normal is available upon request.
- *Please check with your local distributors for more information.