

BEScube System

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DORIC Door*12.05.001

Besco™
MANAGING SPACE



DORIC Door

DORIC Door system is a design solution to be installed in an environment whereby the partitions of the cubicles are made of pre-constructed walls. Without having the need to remove the existing walls, the accessories provided in this system enable the fastest and easiest installation method in such a situation.

DORIC Door Accessories + Specifications + Drawings

Nylon + Aluminium



General

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

Materials

All accessories shall be made of polyamide grade 6 (nylon) and all hardware/fittings shall be made of anodised aluminium grade 6063-T5. Powder-coated aluminium option is available upon request.. The doors 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 Nylon Hinges (4 Nylon Hinges for Door width ≥ 750mm) affixed to the D-post, completed with Nylon Coat Hook, Nylon Door Knob and Nylon Lock Set.

All doors shall be supported by vertical Aluminium D-pole (width 33.6mm) that is anchored to the wall. Nylon hinge adapters shall be used together with the hinges and secured onto the D-pole. The vertical D-pole has incorporated an acoustic Rubber Lining to dampen noise level.

Accessories

Each restroom cubicle will be equipped with the following accessories:

- ▶ BESCO™ Nylon Door Knob of Ø50mm.
- ▶ BESCO™ Nylon Lock Set with occupancy indicator.
- ▶ BESCO™ Nylon Coat Hook with/without rubber stopper and allow load up to 20kg/15kg respectively.
- ▶ BESCO™ Nylon Hinges with 3 choices of standard, gravity-to-open or gravity-to-close.
- ▶ BESCO™ Nylon Hinge Adapter, use together with the hinge.

Compartment's Dimension

The recommended restroom cubicle size:

- 800 - 900mm by by 1980mm (W x D x H).
- ▶ Height of restroom compartment measured from top of D-post is 1980mm (inclusive floor clearance of 150mm).
- ▶ Door# size shall be between 600 mm - 700mm in width.
- ▶ Door# size shall be between 900 mm - 1000mm in width for ambulant restroom.

All door sizes do not include allowance for D-pole

Finishes

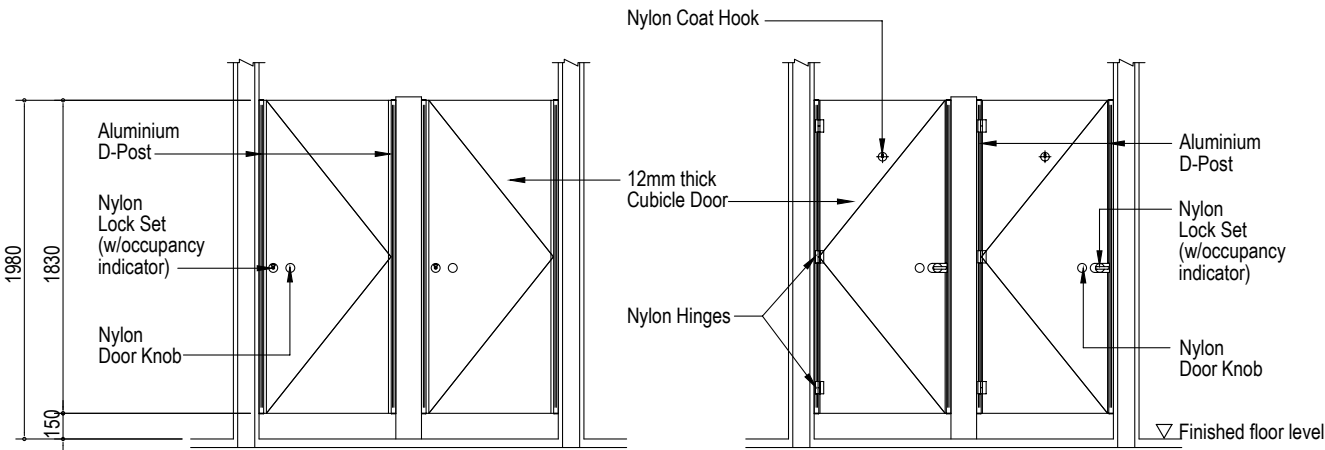
HPL compact boards are available in a variety of brilliant colours, woodgrains and tactile patterns. For surface finishes, you have the choices of matt or glossy. New 'MicroDot' tactile finish is available upon request.

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.

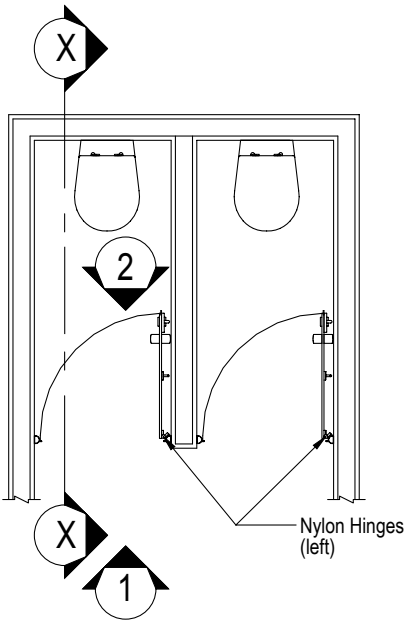
Part Numbers

01. Nylon Door Knob (dia-50mm, pair)
02. Nylon Lock Set (w/occupancy indicator)
03. Nylon Coat Hook
04. Nylon Coat Hook (w/rubber stopper)
05. Nylon Hinges (Standard - Left)
Nylon Hinges (Standard - Right)
Nylon Hinges (Gravity-to-open - Left)
Nylon Hinges (Gravity-to-open - Right)
Nylon Hinges (Gravity-to-close - Left)
Nylon Hinges (Gravity-to-close - Right)
06. Nylon Hinge Adaptor
07. D-Post End Capping
- 08a. D-Post (3660mm)
- 08b. D-Post Rubber Lining (1830mm)

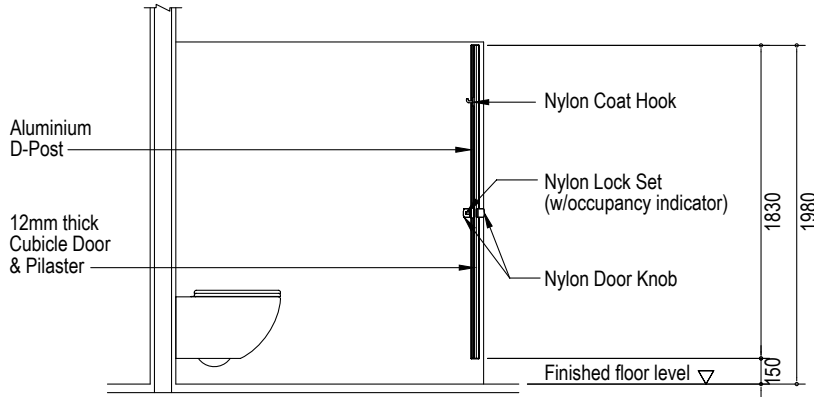


Elevation 1

Elevation 2



Layout Plan of Restroom Cubicle



Section X-X



▶ 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.

▶ Nylon is available in standard white, grey or black colours.
▶ Nylon Hinges - normal is available upon request.



Optional:
Jumbo Roll Holders



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