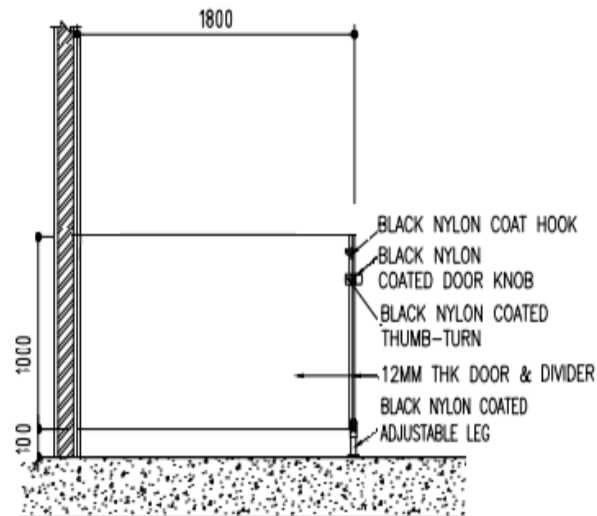
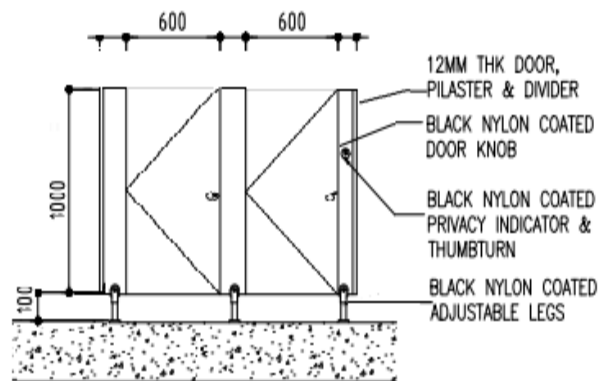
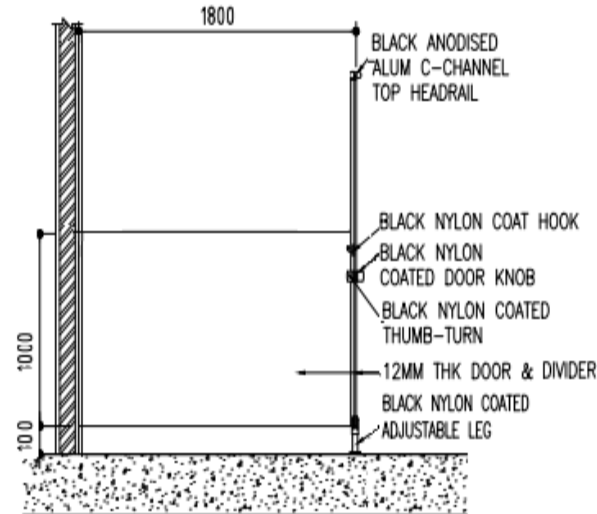
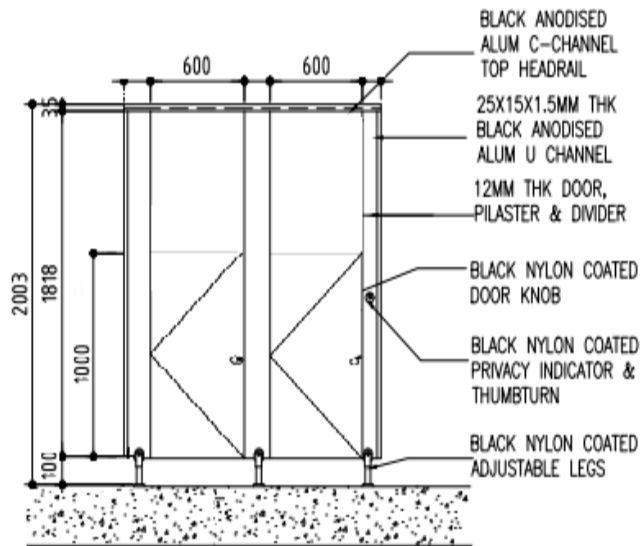




Air is the element of the mind, and airy types know that everything begins with an idea.

Gemini Kids are true shape-shifters. Curious, Communicators & Comedic. They blaze the new trails of this World.





General Specifications

The Children Toilet Partition System shall be **ATOZ GEMINI**.

The cubicles shall be supported with adjustable stand mounted on floor or mounted onto floor directly with aluminium U-Channel. And fitted with nylon coated standard accessories. Framing shall be Black Anodized Aluminium. The partitions shall be using 100% water resistant and chemical resistant compact laminate impregnated with melamine resins pressed over kraftpaper impregnated with phenolic resins.

Recommended Thickness of Partitions

All cubicle doors, pilasters & intermediate partitions shall be using 12mm thick HPL Compact Board with chamfered edge.

Fabrication

Doors shall be supported by 2 or 3 hinges affixed to the pilaster, one with a built-in adjustable spring for automatic door closing or for holding the door open; with fixed door knob & coat hook. Door of standard cubicles shall be in-swinging with clearance width of min. 550 to 600mm; Door and Pilaster edge shall be routed to facilitate door closing. Optionally, door stopper profile affixed on one vertical side of pilasters.

Rubber gasket will be on incorporated on the door edge to dampen noise. Hair Brush Finger guard shall be incorporated on door edge to prevent injury to little fingers.

Each pilaster completed with door lockset with occupancy indicator & emergency release, shall be anchored to the floor using adjustable stand with 100mm floor clearance or mounted directly onto floor.

Intermediate partitions shall be fixed with aluminium U-Channel Section affixed at the ends to the wall and pilaster. Recommended depth not exceeding 1800mm for stability.

Finishes

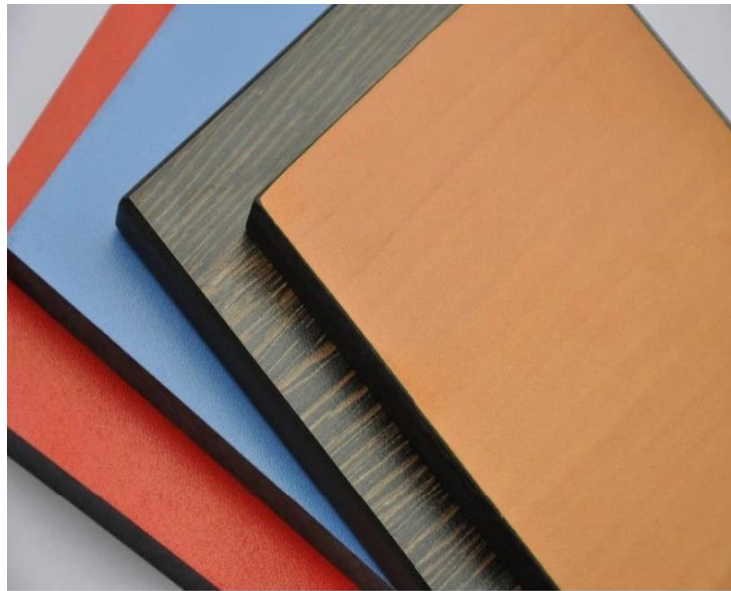
Panels available in standard solid plain colours with smooth finishes on both sides. Woodgrain finished also available.

Restroom Cubicle Compactment Dimension

Cubicle Size: 800 – 900mmW Front

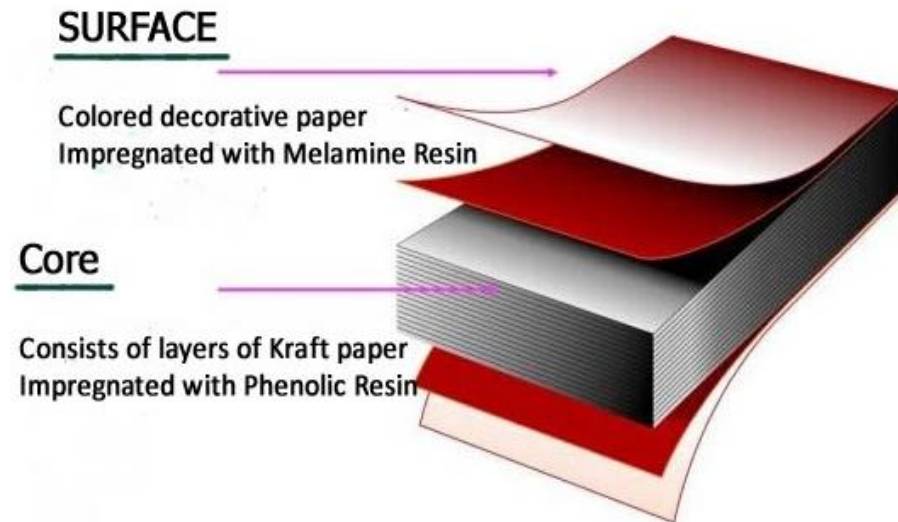
Divider Panel: 1500 – 1800mmD Intermediate

Overall Height: 1950 – 2000mmH



TECHNICAL DATA

Physical Properties of Compact® Grade Laminate.



PROPERTY	TEST METHOD EN 438-2:2016	PROPERTY OR ATTRIBUTE	UNIT	MIN. TEST STANDARDS	FORMICA TYPICAL VALUE (CGS)
Resistance to Surface Wear	EN 438-2/10	Wear Resistance	Revolution	350	500
Resistance to Immersion in Boiling Water	EN 438-2/12	Mass Increase	%	<2	0.53
		Thickness Increase	%	<2	0.58
		Appearance: Surface	Rating	4	5
		Edge	Rating	3	5
Resistance to Water Vapour	EN 438-2/14	Appearance	Rating	4	5
Resistance to Dry Heat	EN 438-2/16	Appearance	Rating	4	5
Dimensional Stability at Elevated Temperature	EN 438-2/17	Cumulative Dimensional Change:			
		Dry Heat (Machine Direction)	%	<0.3	0.06
		Dry Heat (Cross-machine Direction)	%	<0.6	0.06
		High Humidity (Machine Direction)	%	<0.6	0.09
		High Humidity (Cross-machine Direction)	%	<0.6	0.06
Resistance to Wet Heat (100°C)	EN 438-2/18	Appearance	Rating	4	5
Resistance to Impact by Large Diameter Ball	EN 438-2/21	Drop Height	mm	1800	2000
Resistance to Cracking Test	EN 438-2/24	Appearance	Rating	4	5
Resistance to Scratching	EN 438-2/25	Force	Rating	3	3 (2N)
Resistance to Staining	EN 438-2/26	Appearance	Rating	4	5
Light Fastness (Xenon Arc)	EN 438-2/27	Contrast	Rating	4-5	4-5



PROPERTY	TEST METHOD	UNIT	MIN. TEST STANDARDS	FORMICA TYPICAL VALUE (CGS)
Tensile Strength	ISO 527-2:2012	MPa	60	96.57
Flexural Strength Flexural Modulus	ISO 178:2010	MPa	80	161.14
		MPa	9000	10615
Density	ISO 1183-1:2012	g/cm ³	1.35	1.44

* Technical data is accurate at the time of printing. Data is subjected to change without prior notice.

* Rating 5 is the best. Rating 1 is the worst.