

PRODUCT INFORMATION

- **Toilet and Shower Cubicles**
 - Including 100% Moisture Resistant Compact High Pressure Laminate



- **Wall Cladding**
(Internal and External)

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TOILET AND SHOWER CUBICLES

SPECIFICATION

Cubicle Solutions combine design flexibility with affordable costs by providing a tailor-made toilet and shower cubicle system for toilet, shower and changing room applications. This is a modular system which is ***floor anchored with an overhead brace***.

It is extremely robust and hard wearing and most often used in commercial offices, public buildings and shopping malls, hospitals and sporting facilities. However, because of its versatility as it is tailor made, this application has very broad uses.

This application can be manufactured using various boards and this specification details the following:

1. Melamine Faced Particle Board
2. Melamine Faced Particle Board with Moisture Resistant Additives
3. Medium Density Fibreboard (MDF)
4. Compact High Pressure Laminate

MELAMINE FACED PARTICLE BOARD Composition and Manufacture

This is a melamine faced woodchip based particle board. A single sheet of melamine impregnated décor paper is bonded to both surfaces under heat and pressure, providing a durable scratch and moisture resistant surface which is in accordance with SANS 1763:1998.

It is available in 9mm, 12mm, 16mm, 18mm, 22mm and 32mm with 16mm being the recommended thickness and industry standard for particle board toilet partitions.

This board would be used in low traffic toilet facilities such as office blocks, changing rooms and sport facilities.

Example of Cubicle Solutions Melamine Faced Particle Board specification for Bill of Quantities:

"Cubicle Solutions Cube Exclusive toilet / shower / changing room cubicles consisting of 16mm thick Melamine Faced Particle Board partitions, doors and stiles. This is a modular system which is floor anchored and overhead braced which is in line with adjustable supporting feet, all fittings in stainless steel. Cubicles fitted with all necessary ironmongery including coat hook with buffer and indicating bolts, but excluding toilet roll holders unless specified."

MELAMINE FACED PARTICLE BOARD WITH MOISTURE RESISTANT ADDITIVES Composition and Manufacture

Similar in construction to the melamine faced woodchip based particle board, but it has additional additives to help improve moisture resistance and therefore providing a lower swelling rate which is in accordance with SANS EN 312-3:1996.

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It is available in 16mm, 18mm and 32mm with 16mm being the recommended thickness and industry standard for particle board toilet partitions.

This board is the preferred particle board choice and highly recommended in low traffic toilet facilities such as office blocks, changing rooms and sport facilities especially if it is to be used for toilet cubicles which are situated with a shower cubicle, as the moisture resistance adds effectiveness in a water and steam environment.

MEDIUM DENSITY FIBREBOARD (MDF) – Composition and Manufacture

MDF is made from fine wood fibres coated in synthetic resin and then consolidated under high heat and pressure in accordance with SANS 540-1:1991.

It is available in 3mm, 6mm, 9mm, 12mm, 16mm, 18mm, 22mm and 32mm with 16mm being the recommended thickness and for particle board toilet partitions.

NOTE: All three types of board are available in three surface finishes:

1. Peen, a textured, stippled finish
2. Executive, a smooth, semi-matt finish and
3. Ashwood, an embossed, woodgrain finish.

COMPACT HIGH PRESSURE LAMINATE Composition and Manufacture

Compact High Pressure Laminate is a sheet material which is produced from thin layers of technical papers that are impregnated with thermosetting resins and are bonded and consolidated by extreme heat and pressure. Finished Compact High Pressure Laminate is a homogeneous, rigid, self-supporting sheet with decorative melamine-based resin impregnated papers all laminated together at the same time which is manufactured in accordance with the SABS-ISO 4586-1995 parts 1,4,6 and 7 standards and BS-EN 438-4:2005 standard and incorporating the SABS-ISO 9002 Quality Management System.

It is available from 3mm to 20mm, with the 12mm interior grade recommended for toilet and shower cubicles, where surface mechanical resistance is a priority. Available in a large range of colours and finishes and include Gloss, Satin, Loglare, Frost and Luna. Certain finishes are only available in specific sizes.

Compact High Pressure Laminate is eco-friendly and is unaffected by high humidity or corrosive environments and cannot delaminate, making it very conducive to water and/or steam environments.

This board is the preferred solid laminated board and highly recommended in all toilet and shower facilities and is the most suitable board for high-traffic areas and areas needing to be more robust such as sport stadiums and correctional facilities and also in hygiene sensitive areas such as hospitals, clinics, food preparation areas, day care centres, doctors rooms and laboratories.

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Example of Cubicle Solutions Compact High Pressure Laminate specification for Bill of Quantities:

"Cubicle Solutions Cube Exclusive toilet / shower / changing room cubicles consisting of 12mm thick Compact High Pressure Laminate partitions, doors and stiles. This is a modular system which is floor anchored and overhead braced which is in line with adjustable supporting feet, all fittings in stainless steel. Cubicles fitted with all necessary ironmongery including coat hook with buffer and indicating bolts, but excluding toilet roll holders unless specified."

STANDARD SIZES

Partition: 1 800 mm wide x 1 830 mm high
Door: 740 mm wide x 1 780 mm high
Wall Panel: 125 mm wide x 1 830 mm high
Mid Panel: 250 mm wide x 1 830 mm high

We manufacture specific to each contract, so a full variation in sizes is available.

FIXING SYSTEMS:

CUBE EXCLUSIVE

All fittings to Cubicle Solutions applications are manufactured from stainless steel. This fixing system has a unique hanging rail acting as a support running along the top of the application with supporting brackets in line with adjustable, supporting legs. There are no steel or aluminium trims to the edge of the partitions, panels or doors ensuring that the utmost hygiene is offered in a hygiene sensitive environment.

This system ensures no dust or dirt can collect in corners and can be washed or hosed down.



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CUBE STANDARD

All fittings to Cubicle Solutions applications are manufactured from stainless steel. This fixing system has a stainless steel angle running along the top of the partitions with adjustable, supporting legs. There are no steel or aluminium trims to the side or bottom edges of the partitions, panels or doors ensuring that the utmost hygiene is offered in a hygiene sensitive environment.

This system ensures no dust or dirt can collect in corners and can be washed or hosed down.

MANUFACTURE, DELIVERY AND INSTALLATION

All products are available as factory manufactured and delivered to site or with the option of full installation by experienced, recommended contractors.

Assembly is quick and easy with detailed installation plans provided.

HARDWARE

Cubicle Solutions offer a no-nonsense, stylish range of cubicle furniture, characterised by superior vandal resistance and wear in high use environments.

With hardware available in 304 and 316 grade Stainless Steel, the fittings are suitable for all environments.

Examples below of the fittings manufactured using 316 Stainless Steel, which have a concealed bolt system ensuring maximum effectiveness against potential vandalism, with Alan key operated screws.



316 STAINLESS STEEL INDICATOR BOLT



316 STAINLESS STEEL RISE AND FALL HINGE



316 STAINLESS STEEL PARTITION BRACKET

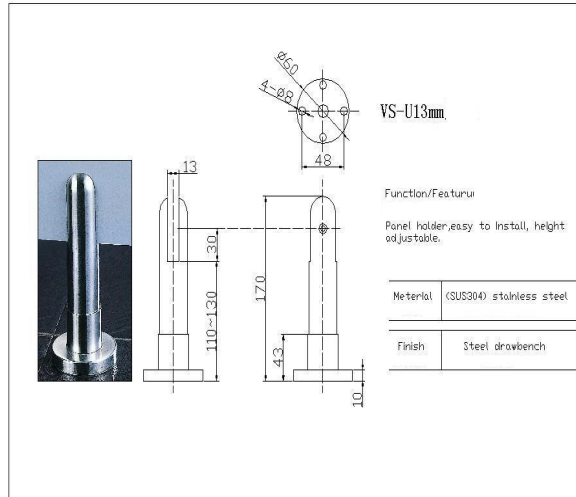
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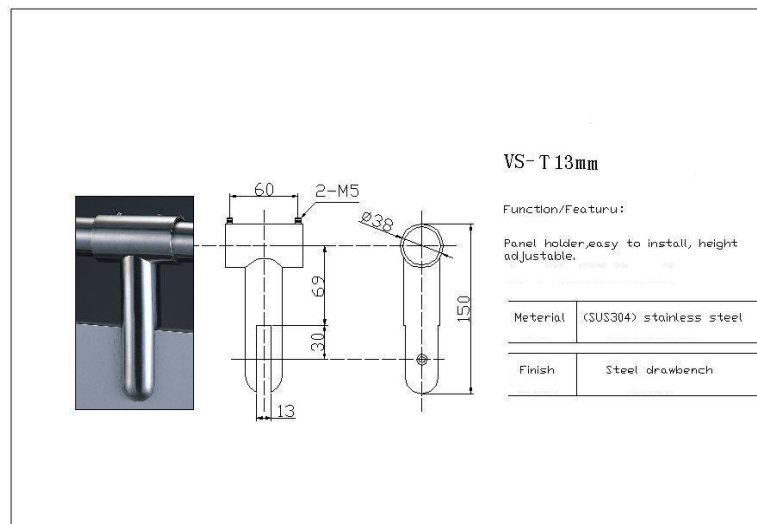
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SUPPORTING FEET (304 Stainless Steel)

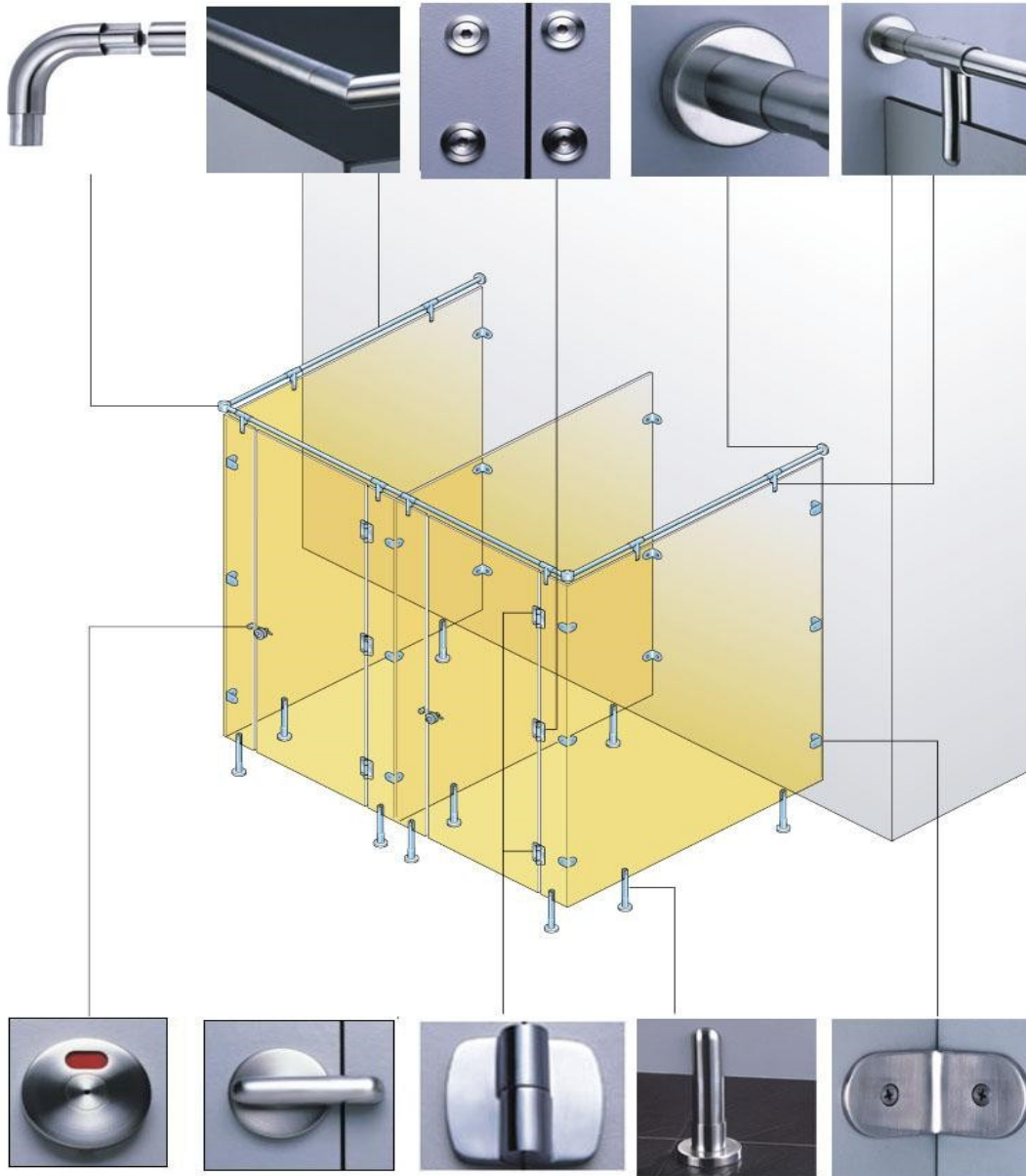


HANGING CLAMP (304 Stainless Steel)



NB: Components may vary dependent on current range.

CUBICLES SYSTEM



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