



DUPLO

The new philosophy in style and quality.



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In response to requests from architects and clients a new cubicle system has evolved. The key design elements were to provide for an aesthetically pleasing, affordable but durable flush cubicle system, able to cope with today's demands in areas of high traffic. This resulted in the development of a fully framed system, DUPLO. If you require a cubicle system, innovative in design, extremely strong then DUPLO is your obvious choice.

The unique extruded aluminium door profiles add strength and rigidity to the panel, delivering a flush fitting door closure. Moreover the design of the door profiles assures complete privacy, with doors and panels factory pre-drilled. All end - and centre pilasters are pre-fitted with the door profiles and only require on site fitting of the specially designed satin anodized aluminum support legs. The dividing walls are fitted to centre pilasters and structural walls using full height satin anodized aluminium U-profiles, maximizing privacy and allowing for hidden on site adjustments.

DUPLO is fitted with heavy duty aluminium hinges, door locking system, coat hook and purpose made adjustable support legs. All aluminium hardware, made in New Zealand, sets a new standard in quality and design. As an alternative, cost effective colour coordinated heavy duty steel reinforced nylon hinges and nylon door locking system with modified support legs are also available. This option also suits pre-schools and early learning centres where bright and playful colours add fun.

Vanity units, Urinal screens, Duct and Wall panels are available to complement the DUPLO cubicle system.

Freeform Laminates offers now 2 performance options.

SM13 DUPLO – compact grade laminate

This system is the choice for both dry and wet areas where appearance and durability are a high priority for the client. All doors, panels and pilasters are manufactured from 13 mm compact grade laminate which offers high impact and vandal resistance. SM13 DUPLO is waterproof and allows cubicles to be hosed down. All exposed CNC polished edges and radiused corners are rounded to produce a safe, hygienic and tough panel.

ML18 DUPLO – melamine faced MDF

This system is suitable for dry conditions only. All doors, panels and pilasters are manufactured from 18mm standard grade melamine faced MDF. All exposed edges are finished with 2mm profiled PVC lipping. The ML18 DUPLO cubicle system provides excellent appearance and good performance at an economical price.

Features and benefits

Easy to assemble and versatile fully framed cubicle system, featuring full height aluminium extruded door profiles, full height fixing U-channels, rounded corner post and continuous U-headrail section or H-headrail section where over 1970mm O/A heights are required.

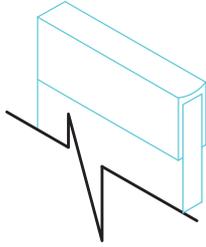
Solid aluminium support legs and locking system with emergency release facility provide safety and durability. Doors are fitted with 3 heavy duty satin anodized aluminium hinges.

As an alternative, cost effective colour coordinated hardware in heavy duty nylon coated steel reinforced hinges, nylon locking system and coathook are also available.

Panels, doors and pilasters are delivered in 13mm compact grade laminate suitable for both wet and dry areas or in 18mm melamine faced MDF, suitable for dry areas only.

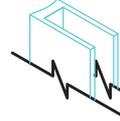


Headrail

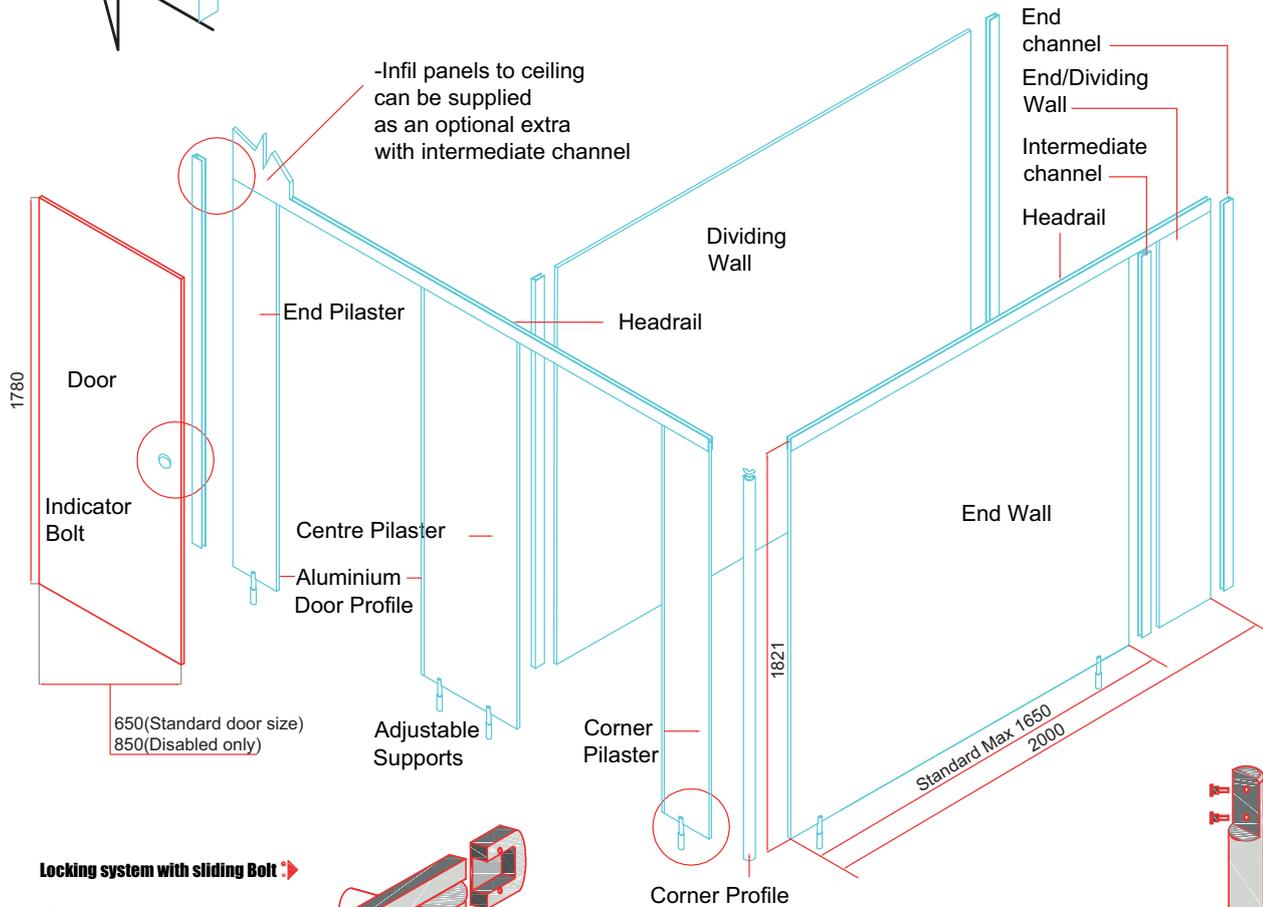


- Extruded aluminium slimline channel gives maximum rigidity to cubicle.
- Slimline design blends in neatly with other channels, up to five meters in length.
- Satin anodized as a standard finish

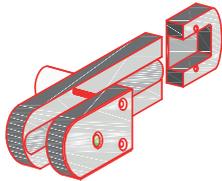
Fixing Channels



- Extruded aluminium channels allow for 'hidden' adjustments.
- Give added rigidity to cubicles.
- Design maximises privacy.
- Satin Anodized as standard finish.



Locking system with sliding Bolt



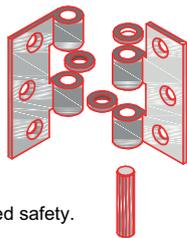
- Functional in design, temper resistant, low in maintenance.
- Door knob with door stop.
- Clear occupancy indicator, with emergency release to side of indicator.
- Satin Anodized as standard finish.

Support Legs



- Provide a strong and safe base for the cubicle.
- Stylish, yet practical and easy to install.
- Standard 150 floor clearance.
- Concealed fixing to prevent tampering.
- Easy to clean.
- Satin Anodized as standard finish.

Hinges



- MK2 Standard Aluminium Hinges
- Three hinges per door, for increased safety.
- Strong and low in maintenance.
- Satin Anodized as standard finish.

Door Profile



- Unique extruded aluminium flush section.
- Adds rigidity to the cubicle.
- Stylish in appearance.
- Fitted with door cushioning strip.
- Provides maximum privacy.

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Fittings and accessories

The DUPLO cubicle system is fitted with robust vandal resistant Satin Anodized aluminum profiles and fittings.

- Extruded U profiles for fixing dividing walls, end walls and pilasters.
- Extruded door profiles at keep side.
- Extruded door profiles at hinge side
- Extruded round corner profiles for one or two sided freestanding cubicles.
- Round adjustable support legs in solid aluminium.
- Aluminium radiused locking system complete with bolt, doorknob, buffer, keep and indicator.
- Heavy duty aluminium hinges.
- Slim line head rail section in U or H-shape supplied in maximum 5.6m lengths.
- Single aluminium coathook with rubber buffer.

Colour selections for nylon hardware

The locking system, coathook, nylon coated steel reinforced hinges and PVC lipping are standard available in

RAL9010 (08) – white

RAL5011 (21) – blue

RAL1004 (07) – yellow

RAL7004 (37) – grey

RAL9005 (02) – black

RAL3003 (01) – red

Colour codes () apply to nylon hardware components. PVC lipping is also available in colours to co-ordinate with Melamine faced MDF panels.

Complimentary products

A full range of colour co-ordinated ducting systems, vanity units, urinal screens and ancillary products are available to complement the DUPLO cubicle system.

Maintenance

All panels, doors and pilasters are manufactured from hygienic, easy to clean materials. All hardware and fittings are manufactured to the appropriate industry standards retaining their quality appearance despite heavy use.

Technical support

For technical support call / e-mail us or use our website.

Terms and conditions

Orders are accepted strictly subject to Freeform Laminates 2002 Ltd Standard Terms and Conditions available on request. An order acknowledgement with our standard terms and conditions is sent to you on receipt of your order.

Delivery

Exact lead times for each order will be provided within 24 hours of receipt of your order. Our customer service department will coordinate delivery with you at least one week prior to dispatch or collection.

Warranty

Freeform Laminates 2002 Ltd, currently working towards ISO 9002 certification is committed to customer product support. As such we provide a limited warranty on all cubicle systems, including fittings for a full two years from date of delivery/invoice under our Freeform Laminates Quality Assurance Program.



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5214 SM13DUPLO COMPACT LAMINATE TOILET, SHOWER, & CHANGE PARTITIONS

1. GENERAL

This section relates to the supply and installation of **SM13DUPLO** compact laminate systems, using proprietary, prefabricated toilet partitions and screens.

Documents

1.2 MANUFACTURER'S DOCUMENTS

Manufacturer's and supplier's documents relating to work in this section are:

SM13DUPLO product brochure.

Copies of the above literature are available from **FREEFORM LAMINATES (2002) Ltd**

Web: www.freeform.co.nz

Email: Stacey.laing@freeform.co.nz

Telephone: (03) 343 1515

Facsimile: (03) 343 1518

Requirements

1.3 NO SUBSTITUTIONS

Substitutions are not permitted to any specified **SM13DUPLO** brand products, components or accessories.

1.4 QUALIFICATIONS

Installers to be experienced, competent and familiar with the materials and techniques specified. Installation to **SM13DUPLO** shop drawings and **FREEFORM LAMINATES (2002) Ltd** Installation Manual current at the time of installation.

1.5 SHOP DRAWINGS

Provide **SM13DUPLO** shop drawings and **SM13DUPLO** Installation Manual for the project. Refer to the general section for timing and review requirements.

1.6 SAMPLES

Submit on request samples of **SM13DUPLO** panels and components for approval of colour and finishes.

Warranties

1.7 WARRANTY - MATERIALS

Provide **SM13DUPLO** warranty.

2 years: Compact laminate panel integrity

2 years: Hardware

- Provide this warranty on the **FREEFORM LAMINATES (2002) Ltd** standard form.

- Commence the warranties from the date of completion.

Refer to the general section WARRANTIES for additional requirements.

2. PRODUCTS

Materials - SM13DUPLO Compact Laminate toilet, shower & Change partitions

2.14 PARTITION PANELS

13 mm pre-finished compact laminate panels made from thermo-setting resins to IS EN 438-4. Refer to SELECTIONS for colour and length options.

2.15 ALUMINIUM TRIM - HEAD RAIL

Satin Anodised 13.5mm channel aluminium headrail.

Refer to SELECTIONS for colour option.

- 2.16 ALUMINIUM TRIM - WALL CHANNELS
Satin Anodised 13.5mm aluminium wall channels.
Refer to SELECTIONS for finish and colour option.
- 2.17 SUPPORT LEGS
150MM complete support legs.
- 2.18 DOORS
13 mm compact laminate doors allowing doors to be fitted in line with pilasters.
- 2.19 HARDWARE PER DOOR
3 satin anodised aluminium hinges per door, 1 satin lock and keep, 1 satin doorstop/door hook.

3. EXECUTION

Conditions

- 3.1 HANDLE AND STORE
Handle and store all components, panels and accessories to avoid damage. Keep dry in transit. Store clear of and on a level floor and cover for protection.
- 3.2 SUBSTRATES AND PLUMBING FITTINGS CHECK
Before commencing installation of the **SM13DUPLO** system ensure all substrates are plumb, level and in true alignment, all flooring surfaces are ready and all plumbing fittings are properly positioned. Ensure adequate provisions are made for fixing to relevant walls. Ensure that the back wall is sufficiently solid to support the suspended SM13DUPLO system.
- 3.3 PROTECT
Protect adjoining areas, surfaces and finish from damage.
Application
- 3.4 INSTALL
Carry out the installation to the requirements of **FREEFORM LAMINATES (2002) Ltd**, relevant shop-drawings and the latest version of **SM13DUPLO** Installation Manual for the project.
Completion
- 3.5 REPLACE
Replace any damaged or marked elements.
- 3.6 LEAVE
Leave work with parts fully and freely working and to the standard required by **FREEFORM LAMINATES (2002) Ltd**
- 3.7 REMOVE
Remove debris, unused materials and elements from the site.

4. SELECTIONS

4.1 TOILET/ CUBICLE PARTITIONS

Brand: **FREEFORM LAMINATES (2002) Ltd**

System type: SM13DUPLO

Panel description: 13 mm pre-finished compact laminate panel

Panel colour: ~

Aluminium trim: Satin Anodised

Toilet size: 900 mm width x 1800 mm length

Shower size: 900 mm width x 1800 mm length

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