Imperial College

London

ARCHITECTURAL STANDARDS
PRODUCT DATA SHEET

TOILETS

PANEL CUBICLES

K32/112

PREFERRED SUPPLIER INFORMATION

NBS REFERENCE K32/112

MANUFACTURER:
Thringleston Cubicles

Address
Prince William Avenue
Sandycroft, Deeside - Flintshire CH5 2QZ

E-mail
sales@thringlestoncubicles.com

Website:
www.thringlestoncubicles.com

Supplier: Contact
Sarah Johnson (Technical Manager) sjohnson@thringlestoncubicles.com

PRODUCT DESCRIPTION

ICL APPROVED SPECIFICATION

Range: Corian Visor Vanity
13mm Corian solid surface vanity top, with 18mm moisture resistant mdf substrate and compact grade laminate access panels.

Description:
Sanitary areas

Application: Sanitary areas

Construction
Full aluminium framework. Extruded vertical aluminium sections, connected by horizontal crossrails and supported by zinc-plated mild steel adjustable feet. Access panels are pre-hung on framework with one pair of zinc alloy die cast panel hinges, secured with one pair of zinc alloy die cast security catches. Compact grade laminate panels are durable, robust and waterproof.

Other
In house installation and maintenance team. Can be installed with any sanitary ware

Environmental: N/A

Recyclable: Aluminium support brackets fully recyclable

Guarantee
10 year warranty

Production: Made in the UK

TYPICAL NBS SPECIFICATION

K32

Standard
Approved toilet access module to Imperial College London, Architectural Standards

Manufacturer:
Thringleston Cubicles, Prince William Avenue, Sandycroft, Deeside, Flintshire, CH52QZ

Range
Corian Visor Vanity Unit

Framework
Prefabricated vanity unit comprising: 13mm thick Corian vanity top 600mm deep. Complete with basin cut outs. Top to be supported on galvanised mild steel cantilevered framework. Removable access panels to front manufactured from 12mm Compact grade laminate and fitted against laminated subframe with vertical/horizontal shadow gaps and skirting

Access Panels
12mm compact grade laminate, polished to all edges. The standard configuration allows for 3 panels per module, although this can be varied to suit a particular application. Cut-outs for the sanitary ware are undertaken on site, to allow for flexibility/tolerance. Additional cut-outs for other accessories are possible.
<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vanity Top</td>
<td>12 mm Corian. Colour to be advised from Band 1 as standard</td>
</tr>
<tr>
<td>Baffle facing material</td>
<td>12 mm compact grade laminate</td>
</tr>
<tr>
<td>Vertical flash gaps</td>
<td>High pressure laminate. Colour to be advised</td>
</tr>
<tr>
<td>Skirting</td>
<td>12 mm compact grade laminate</td>
</tr>
<tr>
<td>Basin cut outs</td>
<td>Style and type of bowl to be advised or template to be provided by main contractor</td>
</tr>
</tbody>
</table>
Imperial College

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PRODUCT DATA SHEET
TOILETS

PANEL CUBICLES

PREFFERED SUPPLIER INFORMATION
NBS REFERENCE K32/112
MANUFACTURER:
Thrleston Cubicles
Address: Prince William Avenue
Sandycroft, Deeside - Flintshire CH5 2QZ
E-mail: sales@thrlestoncubicles.com
Website: www.thrlestoncubicles.com
Supplier: Contact: Sarah Johnson (Technical Manager) sjohnson@thrlestoncubicles.com

PRODUCT DESCRIPTION
ICL APPROVED SPECIFICATION

Range: Hung Panel Access Modules

Description: Hung panel system, consisting of a pre fabricated plywood frame, with removable access panels, available up to 3000mm high and manufactured in the UK

Application: The system is suitable for use inside toilet cubicles with a WC toilet pan, to house urinals or wash hand basins, or as wall lining. It can be used to a back wall or in a back to back layout. Although the system will provide some acoustic dampening, it is not designed for that purpose and in a back to back configuration, we would recommend that an acoustic wall is inserted between the two sets of modules. Where a wall-hung WC toilet pan is used, the sanitary ware needs to have its own weight-bearing support, supplied by others.

Construction: Hung panel system, consisting of a pre-fabricated plywood frame, with removable access panels, available up to 3000mm high and manufactured in UK. Overall depth from the rear of the framework to the front face of panel is 64mm

Other: Can be installed with any sanitaryware, In-house installation and maintenance team

Environmental: Excess timer cut offs used to heat building during manufacturing process
Recyclable: N/A
Guarantee: 10 year warranty
Production: Made in the UK

TYPICAL NBS SPECIFICATION
K32

Standard: Approved toilet access module to Imperial College London, Architectural Standards
Manufacturer: Thrleston Cubicles, Prince William Avenue, Sandycroft, Deeside, Flintshire, CH52QZ

Framework: Overall framework depth of 52mm, constructed using 27mm plywood. Factory assembled using vertical posts and horizontal cross rails, manufactured to a bespoke width and height. Braced from the back wall at a specified distance, using plywood battens, aluminium angle used to side walls and floor. This framework fully supports the panels and no other framework needs to be in place, to enable the fitting of the system.

Access Panels: 12mm compact grade laminate, polished to all edges The standard configuration allows for 3 panels per module, although this can be varied to suit a particular application. Cut-outs for the sanitary ware are undertaken on site, to allow for flexibility/tolerance. Additional cut-outs for other accessories are possible.
| **Infill Panels** | The infills form an integral part of the framework, consisting of vertical infills, a head infill and skirting, creating required shadow gaps/clearances to the vertical edge of the panels and at the floor and ceiling. Standard infills are 12mm CGL, sourced from sustainable forests, and faced with high pressure laminate with balancing backing laminate. In areas of high moisture content, infills can be 12mm compact grade laminate. WBP plywood can be supplied as skirting to accept finishes by others, such as tiling/vinyl. When fitted prior to the finished ceiling, the head infill can sit above the level of the ceiling, with the ceiling then subsequently fitted to the face of the head infill. Alternatively, if the ceiling is fitted first, then the head infill can be scribed to the underside of the ceiling. |
| **Fittings** | Access panels fitted on site. Dependent on configuration, panels can be suspended using lift on/off or push on/off nylon panel clips. |
| **Finishes** | Panels: 12 mm compact grade laminate from our standard ranges, which include various leading manufacturers. Infills: 12 mm compact grade laminate from standard tanges, which include various leading manufacturers. |
Imperial College

**London**

**ARCHITECTURAL STANDARDS**

**PRODUCT DATA SHEET**

**Toilets**

**PANEL CUBICLES**

**K32/112**

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**PREFERRED SUPPLIER INFORMATION**

**NBS REFERENCE K32/112**

**MANUFACTURER:**

Thrilsington Cubicles

Address: Prince William Avenue, Sandycroft, Deeside - Flintshire, CH5 2QZ

E-mail: sales@thrilsingtoncubicles.com

Website: www.thrilsingtoncubicles.com

Supplier Contact: Sarah Johnson (Technical Manager) sjjohnson@thrilsingtoncubicles.com

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**PRODUCT DESCRIPTION**

**ICL APPROVED SPECIFICATION**

**Range:** Icon Leisure Cubicles

**Description:** Mid range durable cubicles with modest price point

**Application:** Suitable for all types of university building, i.e. cafes, library, student union, showers, etc.

**Construction:** Heavy duty satin anodised aluminium framework with through-fixed doors and ironmongery. Durable robust and waterproof compact grade laminate doors and dividers. Pivoting doors for additional strength. Concealed damped door closing mechanism. Sacrificial nylon breakaway tip to lock so save lock & door - easily replaced

**Other:** In house installation and maintenance team

**Safety Feature:** Anti finger-trap gap. Emergency access via lock faceplate

**Environmental:** Minimum 30% recycled content

**Recyclable:** Aluminium framework fully recyclable

**Guarantee:** 10 year warranty

**Production:** Made in the UK

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**TYPICAL NBS SPECIFICATION**

K32/112 Fully Framed Panel Cubicles

**Standard:** Approved toilet panel cubicles to Imperial College London, Architectural Standards

**Manufacturer:** Thrilsington Cubicles, Prince William Avenue, Sandycroft, Deeside, Flintshire, CH52QZ

**Frame**

**Type:** Full aluminium frame

**height (overall):** 2000mm

**Material/finish:** Full anodised aluminium frame using Aluminium Alloy 6063T6 having a 20 micron anodised finish and with 60% recycled content, comprising extruded head rail and vertical posts. Lock locates directly into vertical closing post, incorporating full length buffer

**Panels**

**Height (overall):** 2000mm

**Floor Clearance:** 150mm

**Core material:** Compact grade laminate
<table>
<thead>
<tr>
<th><strong>Thickness</strong></th>
<th>12 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Facings</strong></td>
<td>Compact grade laminate</td>
</tr>
<tr>
<td><strong>Colour/Pattern:</strong></td>
<td>Standard washroom collection</td>
</tr>
<tr>
<td><strong>Edge treatment</strong></td>
<td>Polished on all edges</td>
</tr>
<tr>
<td><strong>Wall support</strong></td>
<td>Divider fixed to back wall using through-fixed extruded aluminium brackets</td>
</tr>
<tr>
<td><strong>Doors</strong></td>
<td></td>
</tr>
<tr>
<td><strong>height (overall)</strong></td>
<td>2000mm</td>
</tr>
<tr>
<td><strong>Core material</strong></td>
<td>Compact grade laminate</td>
</tr>
<tr>
<td><strong>Thickness</strong></td>
<td>12 mm</td>
</tr>
<tr>
<td><strong>Facings</strong></td>
<td>Solid grade laminate</td>
</tr>
</tbody>
</table>

Precision engineering anodised aluminium lock, hand-turned in UK and able to be opened with a closed fist, is fixed through the door to the face plate for added strength. Incorporating a machined aluminium bar, with a sacrificial hard nylon shear tip, which locates into the vertical closing post. Complete with emergency release facility. Divider fixed to back using through fixed extruded aluminium brackets. Aluminium coat hook supplied as standard. Components tested over a cycle of 200,000 operation, equating to a 10 year period in a medium use washroom.

<table>
<thead>
<tr>
<th><strong>Colour/Pattern:</strong></th>
<th>Standard washroom collection</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Accessories</strong></td>
<td>Extruded aluminium head rail and vertical posts</td>
</tr>
<tr>
<td><strong>Head rails</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Pedestals</strong></td>
<td>Powder coated aluminium foot with concealed height adjustment, incorporating sealed bearing rise and fall closing mechanism</td>
</tr>
</tbody>
</table>
**Imperial College**

**London**

**ARCHITECTURAL STANDARDS**

**PRODUCT DATA SHEET**

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<tr>
<th>K 32 Toilets</th>
<th>PANEL CUBICLES</th>
<th>K32/112</th>
</tr>
</thead>
</table>

**PREFFERED SUPPLIER INFORMATION**

<table>
<thead>
<tr>
<th>NBS REFERENCE K32/ 112</th>
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**MANUFACTURER:**

Thrilsington Cubicles

**Address**

Prince William Avenue
Sandyrcroft, Deeside - Flintshire CH5 2QZ

**E-mail:** sales@thrilsingtoncubicles.com

**Website:** www.thrilsingtoncubicles.com

**Supplier Contact:** Sarah Johnson (Technical Manager) sjohnson@thrilsingtoncubicles.com

**PRODUCT DESCRIPTION**

**ICL APPROVED SPECIFICATION**

<table>
<thead>
<tr>
<th>Range:</th>
<th>Sentry Hinged access modules</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong></td>
<td>IPS Paneling with plywood frame and lift-off panels</td>
</tr>
</tbody>
</table>

The system is suitable for use inside toilet cubicles with a WC toilet pan, to house urinals or wash hand basins, or as wall lining. It can be used to a back wall or in a back to back layout. Although the system will provide some acoustic dampening, it is not designed for that purpose and in a back to back configuration, we would recommend that an acoustic wall is inserted between the two sets of modules. Where a wall hung WC toilet pan is used, the sanitary ware needs to have its own weight-bearing support, supplied by others.

**Application:**

Fully pre-fabricated unique hinged access panel module up to 3000mm high, manufactured in the UK using Aluminium Alloy 6063T6. Overall depth from the rear of the framework to the front of the panel is 77mm. The system offers corrosion resistance to moisture, but is not designed to prevent water penetration. In a shower situation we would recommend the use of out hung panel system with compact grade laminate panels.

**Other**

Can be installed with any sanitary ware. In-house installation and maintenance team.

**Safety Feature**

Anti finger-trap gap. Emergency access via lock faceplate

**Environmental:** N/A

**Recyclable:** Aluminium framework fully recyclable

**Guarantee**

10 year warranty

**Production**

Made in the UK

**TYPICAL NBS SPECIFICATION**

**K32/112**

**Standard**

Approved toilet access module to Imperial College London, Architectural Standards

**Manufacturer:** Thrilsington Cubicles, Prince William Avenue, Sandyrcroft, Deeside, Flintshire, CH52QZ

**Framework**

Full aluminium frame using Aluminium Alloy 6063T6, factory assembled using extruded vertical posts and horizontal cross rails, manufactured to bespoke width and height and supported by 12 mm diameter zinc-plated mild steel adjustable feet. Frame locates into floor and ceiling channel and is braced to the back wall with aluminium angle, to a specified distance (standard is 300mm to face of panels). This framework fully supports the module and no other framework needs to be in place to enable the fitting of the system.

**Access Panels**

12 mm compact grade laminate, polished to all edges. The standard configuration allows for 3 no panels per module, although this can be varied to suit a particular application. Cut-outs for the sanitary ware are undertaken on site, to allow for flexibility/tolerance. Additional cut-outs for other accessories are possible.
Imperial College
London

ARCHITECTURAL STANDARDS
PRODUCT DATA SHEET
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PANEL CUBICLES
K32/120

PREFERRED SUPPLIER INFORMATION
NBS REFERENCE K32
MANUFACTURER:
VENESTA WASHROOMS LTD
Chartwell Court, West Mill
Imperial Business Park
Gravesend, Kent, DA11 0DL
Tel: 01474 353333 Fax: 01474 533558
Website: www.venesta.co.uk
Supplier Contact: Luke Rodwell (Specification Manager) luke.rodwell@venesta.co.uk

PRODUCT DESCRIPTION
ICL APPROVED SPECIFICATION

Range: Unity SGL
Description: Simple & striking. This clean modern design is the UK's most economical, well designed flush cubicle range. Whatever the environment, Unity's 'floating' flush front always makes an impact
Application: All areas. High end appeal. High volume traffic.
Material: 13mm Solid Grade Laminate (SGL) & Stainless Steel Fittings
Size: To suit application.
Environmental: Meet with the formaldehyde E1 emission level.
Recycling: Standard fittings can be recycled at specialist licensed centres
Warranty: 10 year warranty - refer to maintenance document for details
Production: Manufactured in the UK

TYPICAL NBS SPECIFICATION
NBS: K32/120/01 PANEL CUBICLES - UNFRAMED

Standard: Approved panel cubicles to Imperial College London architectural standards.
Manufacturer: Venesta Washrooms Ltd
Range: Unity SGL
2120mm standard height up to 2600mm full height from FFL including 50mm floor clearance
Overall depth: 2000mm maximum recommended from face of back wall or rear ducting
Panels/Doors: 13mm Solid Grade Laminate (SGL)
Edge treatment: All edges radiused and polished (black)
Hinges: Spring loaded stainless steel butt hinges
Colour/Finish: From Venesta's standard colour range
Headrail: Slimline aluminium channel profile with stainless steel finish allowing cubicles to finish 20mm below ceiling height
Pedestals: Stainless steel with brushed finish.
Indicator bolt and keep: Stainless steel, with brushed finish, lever operated bolt with circular face plate and emergency release facility
Wall and partition to pillar fixings: Through fix brushed finish stainless steel angle cleats
Imperial College
London

ARCHITECTURAL STANDARDS
PRODUCT DATA SHEET
TOILETS

PREFERRED SUPPLIER INFORMATION
NBS REFERENCE K32
MANUFACTURER:
VENESTA WASHROOMS LTD
Chartwell Court, West Mill
Imperial Business Park
Gravesend, Kent, DA11 0DL
Tel: 01474 353333 Fax: 01474 533558
Website: www.venesta.co.uk
Supplier Contact: Luke Rodwell (Specification Manager) luke.rodwell@venesta.co.uk

PRODUCT DESCRIPTION
ICL APPROVED SPECIFICATION
Range: Vepps SGL
Description: Aluminium framed, precision engineered, pre-plumbed panel system. Elegant design solution reflecting quality in style and durability for use within any environment featuring hinged panels.
Application: All areas. General use
Material: 13mm Solid Grade Laminate (SGL) Panels, Aluminium Frame & Sanitaryware
Size: To suit application.
Environmental: Meet with the formaldehyde E1 emission level.
Recycling: Standard fittings can be recycled at specialist licensed centres
Warranty: 10 year warranty - refer to maintenance document for details
Production: Manufactured in the UK

TYPICAL NBS SPECIFICATION
NBS: K32/160/01 DUCT LININGS
Standard: Approved panel cubicles to Imperial College London architectural standards.
Manufacturer: Venesta Washrooms Ltd
Range: Vepps SGL
Panel: 13mm thick High Density Solid Grade Laminate (SGL) c/w radiused and polished edges (black)
Flashgaps: 13mm thick High Density Solid Grade Laminate with 6mm extruded clip on packer
Site Framing: Extruded aluminium head & baserail sections & rolled galvanised ultra steel wall channels
Baserail: 50mm/100mm High powdercoated 2 part aluminium baserail to secure subframe units
Subframe: Rolled galvanised ultra steel subframe with riveted aluminium bracing bars, fitted to site frame with nylon click fix locator brackets. Panel sections fitted to subframe with concealed nylon lift off fixing clips, using zinc plated steel rivets with butt joints fitted with zinc plated steel dowel clips and mating nylon dowel
Pre-plumbing: Sanitary appliances pre-fixed and sealed to Vepps unit unless otherwise stated, all factory
<table>
<thead>
<tr>
<th>Colours:</th>
<th>assembled by Venesta Washrooms. Refer to Venesta Washrooms standard colour selector.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Included Features:</td>
<td>Hinged access panels using riveted lineart bearing hinges in zinc plated steel and nylon with</td>
</tr>
<tr>
<td></td>
<td>riveted panel ratchets in zinc plated steel allowing 10 different opening heights. Subframe tie</td>
</tr>
<tr>
<td></td>
<td>back system using M8 zinc plated steel tie back rods and supporting bracketry in zinc plated steel. Riveted slider brackets in nylon to allow the top panel to rise and fall where a mid-mounted panel is hinged. Riveted push-pull clips where applicable to allow bottom panels to be removed.</td>
</tr>
<tr>
<td>Optional Features:</td>
<td>Integrated factory fitted WC carrier in 26mm SGL for use with wall hung WC's</td>
</tr>
<tr>
<td></td>
<td>Micro panel lock in polished stainless steel to provide tamper proof security fixing to the panels</td>
</tr>
</tbody>
</table>
**Imperial College**

**London**

**ARCHITECTURAL STANDARDS**

**PRODUCT DATA SHEET**

**TOILETS**

**VANITY UNITS**

**PREFERRED SUPPLIER INFORMATION**

NBS REFERENCE N10

MANUFACTURER:

**VENESTA WASHROOMS LTD**

Chartwell Court, West Mill

Imperial Business Park

Gravesend, Kent, DA11 0DL

Tel: 01474 353333  Fax: 01474 533558

Website: www.venesta.co.uk

Supplier Contact: Luke Rodwell (Specification Manager) luke.rodwell@venesta.co.uk

**PRODUCT DESCRIPTION**

**ICL APPROVED SPECIFICATION**

**Range:** Profile H3 Solid Surface Vanity Unit

**Description:** Solid Surface offers a luxurious stone finish. The material is strong, smooth and gives a seamless finish delivering a stunning yet highly practical installation.

**Application:** All areas. Higher end product. General use

**Material:** 13mm Solid Surface vanity top

**Size:** To suit application.

**Environmental:** Certified according to the GREENGUARD Indoor Air Quality (IAQ) Certification Program

**Recycling:** Waste & end of life materials can be converted into chippings for use as bio fuel

**Warranty:** 10 year warranty - refer to maintenance document for details

**Production:** Manufactured in the UK

**TYPICAL NBS SPECIFICATION**

**NBS: N10/145/01 VANITY UNITS & EQUIPMENT**

**Standard:** Approved panel cubicles to Imperial College London architectural standards.

**Manufacturer:** Venesta Washrooms Ltd

**Range:** Bespoke Profile H3 Solid Surface Vanity Unit

**Top:** 555mm overall width bed with 400mm apron (downstand) & a 75mm upstand c/w a 4mm high waterfall edge detail with a 6mm radiused edge. 13mm thick top produced from a blend of 2/3 natural minerals with pigments and 1/3 acrylic

**Colour:** To be selected from Venesta standard colour range

**Underpanels:** 13mm Solid Grade Laminate (SGL) underpanels c/w radiused & polished edges (Black)

Also supplied with a 13mm Solid Grade Laminate support frame fascia and concealed plastic clips to fix accessible panels to underframe.