



PETAL

Cubicle + Washroom Systems

EDUCATION

# DESIGN THAT LASTS

When it comes to designing washroom systems for schools, we don't kid around. We put our systems through more rigorous tests than most other manufacturers and guarantee our products for up to ten years. Petal's Education range is specifically designed to withstand the rigours of a school environment, with robust frames and hardware all as standard.

That's why we can say with confidence '**Design that Lasts.**'

Robust compact grade laminate

Resilient and stable cubicle design

Moulded WHB

Practical mirror detailing

PETAL

Based on more than 40 years of experience we have perfected the best way to manufacture & install washrooms for education, with hundreds of nurseries, schools, colleges and universities across the UK and Ireland all in our Supply & Fit portfolio.

Our values remain the same. We are ready to go the extra mile to make it happen within your budget and timescale.

Thank you for considering Petal as your partner for washrooms.



Patrick Monaghan  
Managing Director

# Education at all levels

We think we are top of the class when it comes to providing smart washroom solutions for projects in the education sector. But then we have completed hundreds of installations in schools and universities over the past 40 years, so we should know a thing or two about it by now.

Delivering well planned and hard working education washroom projects requires a co-ordinated approach which is something we excel at. Our approach, backed up by our extensive range of products, ensures we can offer clients options at each stage of the specification process.



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# Why Petal?

## Tamper proof fixings

All school washrooms, cubicle systems, changing room benches and toilet partitions adopt securely engineered dowelled fixings for superior tamper proof performance which avoids the need for ugly visible through panel fixings.



## Outstanding strength

Petal's cubicle system design, which utilises either a floor fitted pilaster foot or a continuous leg, ensures exceptional strength compared to alternative systems which typically use pedestal legs and patch fittings.



## Continuous wall channel

Our cubicle systems are typically fixed to the wall in a continuous aluminium channel which gives stability not seen in alternative cubicle systems which use single point cleat fixings.



## Quality fittings

Our fittings are tried and tested over many years to ensure long service life and to enhance user experience.



# Proven Capability

Our experience in providing washrooms for schools has seen us install systems in hundreds of settings all across the UK and Ireland.

Here are just a selection of the schools, universities and nursery settings we have had the privilege of working with over our 40 years in business.



# England, Scotland & Wales

|                                                                                                                        |                                                                                                                        |                                                                                                                 |                                                                                                                            |                                                                                                                                      |                                                                                                                            |                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <br>All Faiths School Strood        | <br>Bishop David Brown              | <br>Brentford Girls School   | <br>Cantell School                      | <br>Colfe's School, London                        | <br>Elm Grove First School              | <br>Fernhurst School               |
| <br>All Saints C of E School, Fleet | <br>Blackheath High School          | <br>Briary Primary School    | <br>Canterbury Christ Church University | <br>Combe Hill Junior School                      | <br>ESB School, Bradford                | <br>Godalming College              |
| <br>Archer Academy                  | <br>Blackwell PS, East Grinstead    | <br>Bromley High School      | <br>Central Sussex College              | <br>Cranmore School                               | <br>Esher College                       | <br>Gordonbrock School             |
| <br>Barnsbury PS, Woking            | <br>Bolton University               | <br>Bucks University         | <br>Chepstow House School               | <br>Cranwell House<br>The Royal High School, Bath | <br>Ewell Castle School                 | <br>Great Sankey PS, Warrington    |
| <br>Barrow Community PS           | <br>Boulevard Academy, Hull       | <br>Burstow Primary School | <br>Christ's Hospital School, Horsham | <br>Crompton Primary School                     | <br>Falcon School for Girls           | <br>Greenwich University         |
| <br>Bay School, Sandown, IoW      | <br>Bourne Elsea PS, Lincolnshire | <br>Canary Wharf College   | <br>Coleg Cambria, Wrexham            | <br>Ellon Academy, Aberdeen                     | <br>Farnborough College of Technology | <br>Guardian Angels PS, Mile End |

England, Scotland & Wales

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| <br>Guildford High School           | <br>Holy Trinity Primary School,<br>Dobcross, Oldham | <br>Kenmont Primary School         | <br>King's School, Macclesfield                         | <br>Ludgrove School, Wokingham             | <br>Mount Stewart Infant School, Kenton | <br>Our Lady & St John's Catholic PS      |
| <br>Heathrow Primary School         | <br>Holy Trinity PS, Manchester                      | <br>Kirkcudbright Primary School   | <br>Latchmere School                                    | <br>Maltby Academy                         | <br>Nicholson Institute, Stornoway      | <br>Parkwood Academy, Sheffield           |
| <br>Hermitage PS, Hillingdon         | <br>Holyport College                                 | <br>King Edward's School           | <br>Lawford Mead PS, Essex                               | <br>Manor Fields Primary School            | <br>North Beckton PS                    | <br>Phoenix Junior Academy                |
| <br>High Park School, Bradford      | <br>Ipswich High School                              | <br>King's College                 | <br>Little Thurrock PS                                   | <br>Merton College<br>Complex Needs Centre | <br>North West Kent College             | <br>Pike Fold Primary School, Manchester  |
| <br>Hollyfield School, Surrey     | <br>Jane Austen Free School - Norwich              | <br>King's College London        | <br>Lockerbie PS and Academy                           | <br>Moffat Academy Primary School        | <br>Oakham School                     | <br>Point Primary School, Western Isles |
| <br>Holy Cross School, New Malden | <br>John Ruskin College                            | <br>King's Free School, Brighton | <br>Loxford School of Science and<br>Technology, Essex | <br>Mount Carmel PS                      | <br>Orion Primary School              | <br>Putnoe PS, Bedford                  |

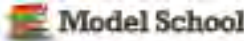
England, Scotland & Wales

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|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <br>Queen Eleanors School Guilford    | <br>Sheffield Hallam University<br>SHARPENS YOUR THINKING | <br>St Edmunds RC School Portsmouth    | <br>St. Francis RC PS, Caterham            | <br>Stranraer Academy               | <br>The Kirtland Centre                | <br>University of Kent               |
| <br>Rainham Mark Grammar School       | <br>Sir John Glead School<br>Spalding, Lincolnshire       | <br>St Georges School, Harrow          | <br>St. George's School, Stamford          | <br>Stroud Green PS, Croydon        | <br>The Schools at Somerhill           | <br>University of London             |
| <br>Ripley Court School               | <br>Sir Isaac Newton Free School, Norwich                 | <br>St James C of E School, Einstead   | <br>St. Mary's RC Primary School           | <br>Suffolk New Academy             | <br>Thomas Gainsborough School         | <br>University of Sheffield          |
| <br>Rudgwick School                   | <br>Smallberry Green Primary School                       | <br>St John's Church School VA         | <br>St. Mary's RC Infant School, Tottenham | <br>Sunderland College              | <br>Tiger Free School, Maidstone       | <br>University of Surrey             |
| <br>Sacred Heart Battersea          | <br>St. Anne's Worth School                             | <br>St Martin's Infant School, Epsom | <br>St. Matthew Academy, London          | <br>Swaffield Primary School      | <br>University for the Creative Arts | <br>University of Sussex           |
| <br>Seaside Primary School, Lancing | <br>St Dunstan's Catholic PS                            | <br>St. Elizabeth's School Richmond  | <br>St. Swithun's School Winchester      | <br>Thamesmead School, Shepperton | <br>University of Chichester         | <br>Wallace Hall School, Thornhill |

Northern Ireland

|                                                                                                                      |                                                                                                                       |                                                                                                                        |                                                                                                                         |                                                                                                                              |                                                                                                                           |                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <br>Ashfield Girls' School, Belfast | <br>Boys' Model, Belfast             | <br>Girls' Model, Belfast             | <br>North West Regional Sports Campus | <br>Royal School Dungannon                | <br>St. Joseph's College, Enniskillen  | <br>St. Patrick's Grammar School Downpatrick |
| <br>Ballinamallard Primary School   | <br>Brownlow College, Portadown      | <br>Glengormley High School           | <br>Orangefield Primary School        | <br>South Eastern Regional College        | <br>St. Joseph's Convent PS, Newry     | <br>St. Patrick's Academy, Lisburn           |
| <br>Ballycastle High School         | <br>CAFRE Loughry College, Cookstown | <br>Grosvenor Grammar School, Belfast | <br>Portora Royal School, Enniskillen | <br>Southern Regional College, Newry      | <br>St. Lawrence's PS, Fintona         | <br>Strabane Academy                         |
| <br>Ballyoran Primary School        | <br>Campbell College, Belfast        | <br>Hazelwood College                 | <br>Queen's University, Belfast       | <br>South West College                    | <br>St. Malachy's College, Belfast     | <br>Stranmillis College                      |
| <br>Beechlawn School               | <br>CBS Omagh                      | <br>Linn Primary School Larne       | <br>Rosemount Primary School, Derry | <br>St. Cecilia's College, Derry        | <br>St. Mary's College, Derry        | <br>Strathearn Girl's School               |
| <br>Belfast High School           | <br>Foyle College                  | <br>Magherafelt Primary School      | <br>Royal School Armagh            | <br>St. Ita's Primary School, Carryduff | <br>St. Patrick's College, Ballymena | <br>University of Ulster, Coleraine        |

Republic of Ireland

|                                                                                                                         |                                                                                                                                  |                                                                                                                              |                                                                                                                          |                                                                                                                          |                                                                                                                            |                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <br>Carrigabruise NS Virginia        | <br>DCU Innovation Campus                     | <br>Galway Technical College              | <br>Loreto Abbey, Dalkey              | <br>Navan National School             | <br>St. Clare's National School, Dublin | <br>St. Pat's National School              |
| <br>Clongowes Wood College, Kildare  | <br>De La Salle Dundalk                       | <br>Gorey School                          | <br>Loreto Secondary School, Kilkenny | <br>Newpark School, Blackrock, Dublin | <br>St Louis School Monaghan            | <br>Temple Carrig School, Greystones       |
| <br>Coola Post Primary School, Sligo | <br>Doon Secondary School                     | <br>Horticulture Institute Blanchardstown | <br>Lucan Community College           | <br>Old Bawn Comm School Dublin       | <br>St Mary's, Draperstown              | <br>Trinity College, Long Room Hub, Dublin |
| <br>Creagh College                   | <br>Doughiska Schools Galway - Merlin College | <br>ICT Hub NUI Maynooth                  | <br>Mary Immaculate College, Limerick | <br>Presentation School Thurles       | <br>St. Mary's Secondary, Edenderry     | <br>UCD Sutherland School of Law           |
| <br>De La Salle College, Dundalk   | <br>Dunshaughlin Community College          | <br>IT Sligo                            | <br>Monaghan Model School           | <br>Scoil Bhride Edenderry          | <br>St Michael's College, Dublin      | <br>University of Limerick               |
| <br>D.I.T. Beresford Place         | <br>FAS Mervue                              | <br>LIT Georges Quay                    | <br>Mount Anville School            | <br>Scoil Mhuire, Newbridge         | <br>St Patrick's College, Dublin      | <br>Wesley College, Ballinteer, Dublin   |

# Kid Proof

## Rigorous Testing

Here at Petal, nothing is left to chance! We test continuously to ensure that all our components will perform to the highest standards. Hinges, indicators and fixings are all tested to ensure that they will work year after year.

With the collaboration of a local university, which also certifies our results, we have devised an impact testing procedure for our cubicle systems.

This test replicates the most extreme impacts likely to be inflicted by washroom users and which can seriously challenge the structural stability of the cubicle system.

A programme of independent testing of Petal cubicles has been established to validate the ability of the product to withstand even extreme personal attack. These tests simulate large soft body impacts of up to 134Nm impact energy. Tests employing a 50kg impactor are carried out at a variety of likely impact points - kick height, shoulder charge etc.

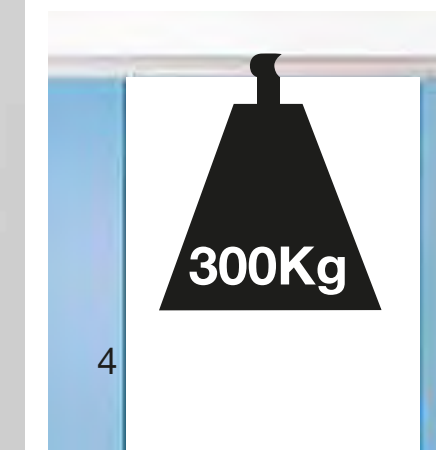
The Petal education product is found to withstand tests without failure making them ideal for severe duty applications.



# Kid Proof

We look for problems  
and then engineer  
a solution

With our vast experience we have identified every potential point of failure in a system and engineered a robust solution with performance limits far exceeding the levels of wear and tear typically found in schools.



- 1 The floor fixing solution is used in Beep, Thor Extra and Thor Plus applications.
- 2 The foot is integrated into a full length channel and eliminates a common point of weakness found in competitors' systems.
- 3 Our Thor system has three hinges, each with tamper proof multi directional fixings for life long performance.
- 4 Our headrail is fully structural unlike those of many competitors. We have tested it with loads of 300kg, more than enough for even the largest pupil.

# Guaranteed Quality

Designed, manufactured and installed by one team

Installed by our own team of trained and skilled fitters.  
100% commitment to delivering quality projects.

Petal does not take its brand statement Design That Lasts lightly.

With every product or system, we issue a Product Warranty certificate which demonstrates our full commitment to the quality and durability of our products.

This ten year warranty is confirmation of our dedication to supplying washroom solutions which have structural integrity and are fit for purpose.

**10 Year Warranty**

**PETAL**  
Cubicle + Washroom Systems

**Warranty Certificate**

This is to certify that the cubicle system and installation supplied by Petal for this education washroom is guaranteed to last without failure for 10 years.

Issue number \_\_\_\_\_

Project \_\_\_\_\_

System \_\_\_\_\_

Date \_\_\_\_\_

Valid until \_\_\_\_\_

Signature \_\_\_\_\_

www.petal.co.uk

## Testimonial

“

We have worked with Petal for a number of years and in that time they have become a valuable part of our supply chain. They consistently help us to deliver projects on time to a high standard.

**Robert Jandrell,**  
Senior Buyer,  
Sunninghill Construction  
St Catherine's School, Bramley

# We Listen

A quick & efficient approach from concept to completion

Delivering well planned, hard working washrooms requires a co-ordinated approach. We guide you to the best solution. Help select the right system, and... We stay with you from the very start to the very end! One contact throughout.

Our Sales team are equipped with a full range of working samples for client approval. Our laminate colour samples are available on request.



# How We Work

PETAL



**01** Initial Contact



**05** Action - off to work



**02** A Quick Response



**06** Installation



**03** Design, Tech Spec, Quote



**07** Satisfied Customer



**04** Agreeing the Project

# Cubicle Systems

PETAL

Cubicles



# Beep

A fun, bright approach to the provision of a welcoming infant washroom environment featuring low level panels scaled to allow both child privacy and supervision of users by carers.

- Bespoke designed hardware
- Floor fixings (no headrail)
- 10 year warranty
- No through fixings
- Dowelled hinges
- Exclusive design prints
- Safety design features (radius corners)
- Mechanical fixings inserts
- Doc M compliance

**Overall Cubicle Height**  
Fully clear

**Privacy Design**  
150mm floor clearance



# Chico

Child friendly, attractive and practical for supervisory teachers and carers, Chico can be configured in four sizes accommodating children from the under 5s up to 9 years old in four transitions.

- Radius profile door and panels
- 10 year warranty
- Continuous wall channels
- 3 hinges per door (bored & dowelled)
- Full height pilaster
- Continuous head profile
- Mechanical insert fixings pilaster to leg
- Doc M compliance

**Overall Cubicle Height**  
Max 2006mm

**Privacy Design**  
150mm floor clearance (door)  
150mm floor clearance (divisions)





# Apex

Apex is a robust full height floor to ceiling cubicle which offers a full privacy washroom option ideal for all educational applications. Its contemporary design is complete with stylish inline aluminium pilasters which give it a striking finish.

- Semi framed offers better rigidity
- 10 year warranty
- 3 heavy duty hinges per door (dowelled and screwed through)
- Continuous wall profile channels (no sight lines)
- Secured with anti-tamper fixings
- Stainless steel indicator with emergency release
- No through fixings (patch fixings)
- 12mm compact boards
- Doc M compliance

**Overall Cubicle Height**  
Max height 3000mm

**Privacy Design**  
10mm floor clearance (door)

# Thor Plus

Built to withstand the rough and tumble of the school environment, Thor Plus is a full height semi framed cubicle designed to meet the grade for environments requiring additional privacy. It is particularly suitable for gender neutral washroom and changing room facilities.

- Semi framed offers better rigidity
- 10 year warranty
- 3 heavy duty hinges per door (dowelled and screwed through)
- Continuous wall profile channels (no sight lines)
- Secured with anti-tamper fixings
- Stainless steel indicator with emergency release
- No through fixings (patch fixings)
- Front pilaster 10 mechanical fixing inserts
- 12mm compact boards
- Doc M compliance

**Overall Cubicle Height**

Maximum 3000mm

**Privacy Design**

10mm floor clearance (door)

**Division Panel**

Options Available





# Thor Extra

Floor mounted pilasters provide clean contemporary styling for this education cubicle system.

Built to withstand the rough and tumble of a busy school environment, Thor Extra is a proven cubicle system guaranteed to meet the grade in educational establishment.

- Semi framed offers better rigidity
- 10 year warranty
- 3 heavy duty hinges per door (dowelled and screwed through)
- Continuous wall profile channels (no sight lines)
- Continuous moulded aluminium headrail profile
- Secured with anti-tamper fixings
- Stainless steel indicator with emergency release
- No through fixings (patch fixings)
- Front pilaster 7 no. mechanical fixing inserts
- 12mm compact grade laminate
- Doc M compliance

## **Overall Cubicle Height**

2006mm

## **Privacy Design**

150mm floor clearance (door)

150mm floor clearance (divisions)

# Thor

Built to withstand the rough and tumble of a busy school environment, Thor is a proven cubicle system guaranteed to meet the grade in educational establishments.

- Semi framed offers better rigidity
- 10 year warranty
- 3 heavy duty hinges per door (dowelled and screwed through)
- Continuous wall profile channels (no sight lines)
- Continuous moulded aluminium headrail profile
- Secured with anti-tamper fixings
- Stainless steel indicator with emergency release
- No through fixings (patch fixings)
- Front pilaster 7 no. mechanical fixing inserts
- 12mm compact grade laminate
- Doc M compliance

## Overall Cubicle Height

2006mm

## Privacy Design

150mm floor clearance (door)

150mm floor clearance (divisions)





# Thor Shower Cubicles

With the hard wearing, water resistant qualities of compact grade laminate, the Thor range is suitable for shower facilities in any educational setting.

Available in Thor or with pilaster feet in the Thor Extra configuration.

# Action Benches & Lockers

PETAL

# Action Benches



## Frame support structure

- Box section – powdered coated galvanised steel

## Seat options

Slatted or solid seat tops

- 18mm solid timber
- 12mm CGL
- Solid surfacing

## Bench layouts

Perimeter benches

- Cantilever – suitable only for solid walls.
- Wall to floor – suitable for all walls but light weight walls require timber grounds.

## Free standing benches

- Single
- Double sided island

## Options

- Hat and coat rails are optional on all layouts

## 10 Year Warranty

# Action Benches & Lockers

PETAL



## Action Lockers

### Locker body

- Curved aluminium body
- Injected moulded top & bottom
- Built in ventilation grill in shelf
- Connecting profile rails
- Non porous
- Multiple compartments

### Lock options

- Coin return/retain
- Hasp & clasp
- Digital
- Electronic

### Door options

- 12mm CGL (Compact Grade Laminate)
- 10mm toughened glass back painted
- Solid wood
- HPL 20mm core

### Tier/compartments

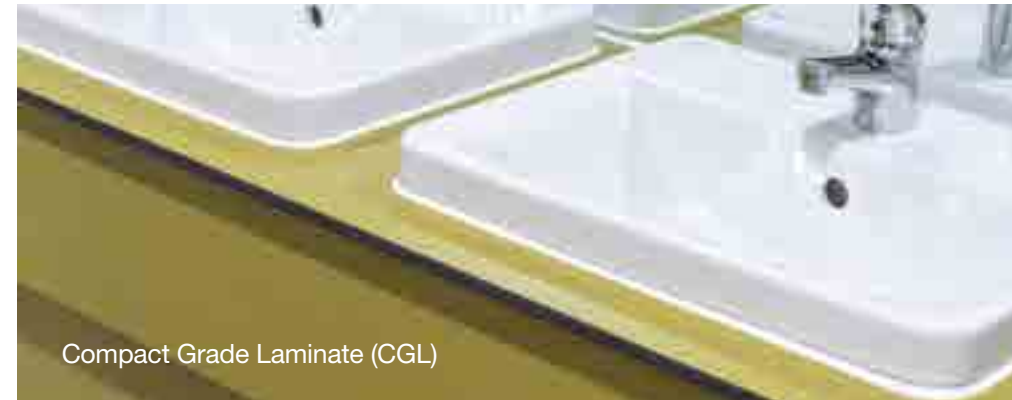
- Single, two, three, four
- 300mm & 400mm wide
- Bespoke size available on request

### 10 Year Warranty

# Materials

# Design

Advances in materials and choice of sanitary ware means that the options for vanities have never been greater. With Petal's advice and guidance, you can choose carefully to ensure that both the aesthetic appeal and the functionality of your washroom will be achieved.



Duct & Access  
Panels



# Panel Options

The Petal duct panel system is highly versatile and can accommodate all wall and ceiling configurations.

Our technical department will translate your washroom plans into a detailed duct panel system which will enhance any washroom environment. Petal offers a fully bespoke service for duct panels so every system is produced in our workshops for efficient trouble-free installation on-site by our expert fitting teams.

## Available Options

P100-HPL Square Edge  
P200-HPL Postformed  
P300-CGL Polished Radius  
P400-Glass-Backpainted



# Panel Overview



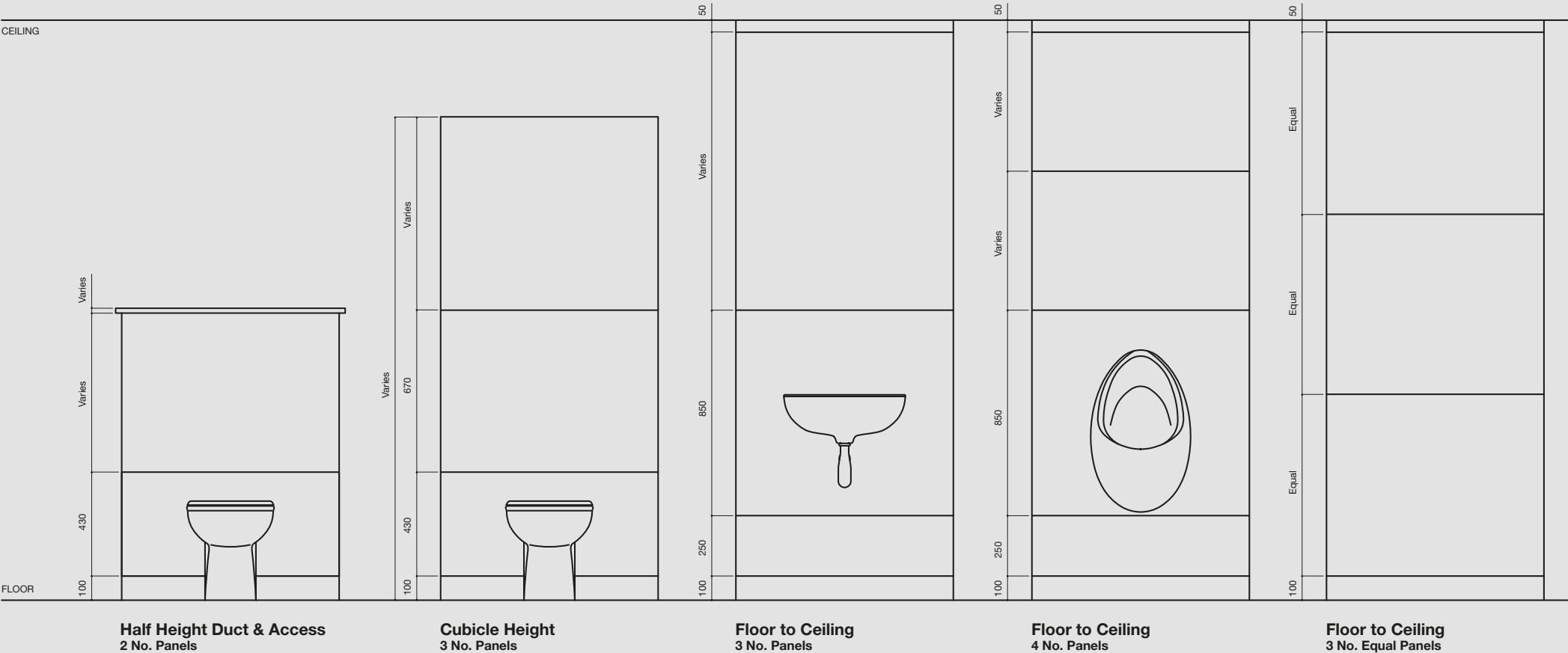
Robust factory assembled steel sub-frames form the support for the specified flash gap and face panel materials. This results in an extremely versatile solution which can accommodate the specific plumbing layout of each project.



A variety of practical panel fixing methods are available and will be discussed when the sanitary ware and plumbing choices are confirmed with details of any special requirements such as hinged or locked access etc.



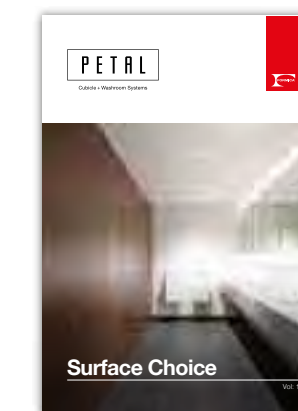
Aesthetically, a wide range of panel materials, laminate finishes, panel and flash gap combinations are available and particular suitability can be discussed with our technical team.



# Sample Service

Our Sales team are equipped with a full range of working samples for client approval and are happy to arrange a viewing at a location to suit you. We also have a full range of laminate colour samples available on request.

The latest Petal colour collections contain a vast array of solid shade and wood grain options. Our Surface Choice volumes 1 and 2 are available via our website, with chip cards also available on request. Larger A5 laminate samples are also available on request.



# DESIGN THAT LASTS

Thank you for considering Petal  
as your partner for washrooms.



Cubicle + Washroom Systems

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