



School Washrooms





PART OF THE IDEAL STANDARD GROUP

Introduction

Armitage Shanks has been manufacturing school washrooms for over 100 years, ensuring the very best standards are met for children, no matter the stage of their educational journey.

This brochure brings together all you need to create a modern school washroom. To ensure you specify the correct products the first section provides a complete selection of fixtures and fittings that comply to Annex 2A.

The next sections take you through a journey of washroom designs and advice for each educational stage. There's even a section on teacher and staff toilets.

Finally the technical section brings all the products you are likely to need for each key stage and beyond listing images, codes and technical drawings.

Getting the right specification for schools is important so if you have any questions or need specification advice please call our technical helpline, 0870 122 8822.









"Being able to visit the washroom and feel safe and comfortable is crucial to a happy school life"

Mrs Taylor, teacher

Contents

Technical Annex 2A: Compliant Products

02

Nursery (3-5 years of age)

21

Primary - Key Stage 1 (5 - 7 years of age)

24

Junior - Key Stage 2 (7 - 11 years of age)

27

Secondary - Key Stage 3 & 4 (11-16 years of age) & Sixth form - Key Stage 5 (16-18 years of age)

30

Teachers & Staff

32

Technical Specifications

34

Technical Annex 2A compliant products

In November 2017 the government restructured the regulations on school washrooms. In particular this included Technical Annex 2A which covers requirements from early years through to secondary schools including teachers and staff. If your project is being funded by the Education and Schools Funding Agency (ESFA) then it will need to comply with the Annex.

The new Annex 2A sets out clear requirements for school washrooms. Within this section you will find the key products that meet the performance criteria specified.

We have developed our schools range to be fully compliant – look out for the Annex compliant products shown from pages 4 - 19 of this brochure. For more details on these requirements download the guide shown here or talk to one of our education team on 01543 413414.



Contour 21 school troughs

Critical for Technical Annex 2A are troughs or clusters of basins with fully concealed plumbing.

Troughs are required to have integral upstands for hygiene and reduced splashing and fully skirted panels to conceal pipework and plumbing while being readily accessible for servicing via tamper proof screws.

"Gender neutral hand-washing areas has helped our school eliminate bullying. Whilst the trough offered us design flexibility, creating a fun and playful washroom so that every child is comfortable using the facilities. So they are safe, healthy and happy whilst within our care."



2 person wash trough 1000mm

Contour 21 School Troughs give an overall feeling of modern minimalism with a streamline shape and sleek functionality. The washing area has a dramatic angled gradient that drops down to a hidden waste.

Because the entire trough is made from the same material, the seams are fused together, making joins minimal and creating a natural, flowing appearance as though the trough was made in one piece.

All troughs are approved by Fira for load resistance and meet BS EN14296 2005 load resistance requirements.

The 2 person trough meets the specification and dimensions (1000x400mm) set out in Annex 2A.







3 person wash trough 1500mm

For those with additional space, choose the 1500mm 3 person wash trough.

Splashes are kept within the wash trough area, protecting the washroom environment. The hard-wearing, solid surface material is both fire retardant and UV stable, meaning it will not bleach or fade in sunlight.

It's also possible to repair surface scratches as damages can be reworked and brought back to the original finish. The upstand works perfectly with wall mounted taps and soap dispensers, ensuring handwash facilities are kept within a tight space.

The 3 person trough meets the specification and dimensions (1500x400mm) set out in Annex 2A.



Wastes can be accessed from the top of the trough so blockages can be quickly addressed without having to gain access from underneath or behind.

Troughs come undrilled allowing you to choose tap positions and add soap dispensers

School wash hand basins

Choice of basin is important in a school washroom as they need to be practical to use, durable and look good.

The Splash range has been designed specifically for schools with its appealing friendly design helping children adjust from washing at home to washing at school.

The Splash 40cm semi recessed basin is perfect for building into a unit that conceals plumbing.

"Runs of wash basins shall have services, such as traps and waste pipes concealed, for example through vanity units. Access to services shall be via a removable panel using tamper-proof fixings"

Annex 2A 4.4.1.4





Bishopsgate 45cm under-countertop basin CODE **\$067601**



Cherwell 21 Round 48cm under-countertop basin CODE \$268801



Cherwell 21 Round 38cm under-countertop basin CODE \$268701



Marlow 21 55cm under-countertop basin with overflow CODE \$268501



Marlow 21 48cm undercountertop basin with overflow CODE **\$268401**



Profile 21 50cm Semicountertop basin with overflow, one taphole CODE **\$249201**



Planet 21 50cm Countertop basin with overflow, one taphole CODE \$248401



Splash 40cm semi-countertop basin, one tap hole CODE **SO43601**



Splash 50cm one tap hole basin CODE **\$269001**



Taps & soap dispensers

Taps need to be easy to use, durable and not waste water. Press taps can be adjusted to give a longer or shorter run time. Sensor taps only deliver water when you need it.

Easy to use push button taps automatically turn off after a few seconds, avoiding unnecessary water wastage.

Sensor taps must turn off automatically with only 1 litre of use.

"Non-concussive press taps shall be selected to avoid germ transfer. Where they are sensor-operated, they shall turn off automatically with less than one litre of use."

Annex 2A 4.10.1.1

A9239NU Soap bottle with direct feed for deck mounted dispenser 1 litre.

A9240NU Remote feed soap bottle, 5 litres for wall and deck mounted dispensers.



Avon self closing mixer CODE B8263AA



Avon Self closing pillar taps CODE B8267AA



Avon self closing bib tap CODE **S7241AA**



Contour 21+ SL basin mixer CODE BC120AA



Sandringham 21 SL basin mixer, no waste CODE B3307AA



Sensorflow 21 tubular

spout 150mm projection CODE A4846AA Link CODE A4852AA



Sensorflow 21 tubular spout 230mm projection

Link Battery



CODE A4848AA



Sensorflow 21 Compact Deck Mixer

Link Battery

CODE A4852AA CODE A4853AA CODE A4851AA



Contour 21 upright deck mounted soap dispenser CODE A9208AA



Contour 21 angled deck mounted soap dispenser CODE A9210AA



Contour 21 panel mounted soap dispenser CODE A9209AA



Toilet pans & cisterns

Toilet pans and cisterns must be manufactured out of vitreous china as in BS 3402 or "in a material which can be demonstrated to work equally as well."

" All parts must be sourced from a single manufacturer. "

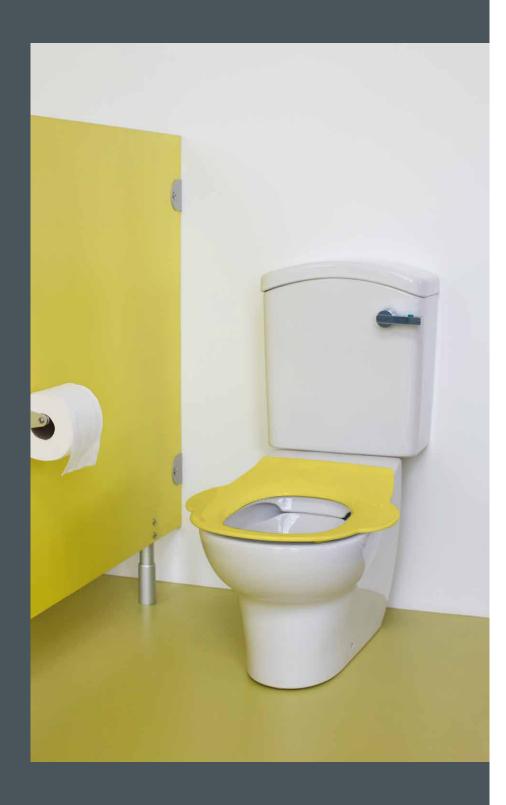
Annex 2A 4.2.1.2

Cistern and pipe work must be easily accessible and tamper proof.

Our range of toilets boast a Dual Flush mechanism. We ensure our flush complies with water regulations and the collection also offers a compatible Dual Flush plate.

With the option to choose from the following capacities: 6/4 litre, 4.5/3 litre or 4/2.6 litre.

The open rimless flush feature on our Splash WC's have been designed to make it easier to keep clean and improve hygiene.





Contour 21 Schools 305mm back to wall

CODE **S304601**



Contour 21 Schools 305mm close coupled WC

Close coupled cistern with push button valve - 6 litre CODE \$306401



Contour 21 Schools 355mm back to wall

CODE **\$304701**



Contour 21 Schools 355mm close coupled WC

Close coupled cistern with push

button valve - 6 litre CODE \$306401



Contour 21+ back to wall rimless wc bowl, smartguard+ glaze

CODE SO439HY



Coupled WC bowl, horizontal outlet

Bowl CODE **S309201** Profile 21 Close Coupled

Cistern with dual flush valve - 6/4 litre CODE **\$309301**



Profile 21 Back to wall bowl, horizontal outlet

CODE **\$309501**



Splash 305mm Close coupled WC

Rimless 305mm Bowl CODE **\$312201** 4/2.6 litre dual flush

CODE **\$326001** lever cistern 4/2.6 litre dual flush

button cistern

CODE **S326101**



Splash 355mm Splash 305mm Close coupled WC

Rimless 355mm Bowl CODE **\$312501** 4/2.6 litre dual flush lever cistern

CODE **\$326001** 4/2.6 litre dual flush CODE **\$326101** button cistern



Back to wall WC

Rimless 305mm Bowl CODE S312201



Splash 355mm Back to wall WC

Rimless 355mm Bowl CODE \$312501



Splash 355mm wall hung WC

Rimless 355mm Bowl CODE **S312201**



Toilet seats & rings

Toilet seats must meet BS 1254:1981 -Specification for WC seats (plastics).

Toilet seats are important in schools. They need to be robust to meet the rigours of high throughput school life, while at the same time be safe, hygienic and comfortable.

Splash seats have been designed to soften the toileting area and come in a range of bright colours to appeal to younger children.

"Toilet pan seats and lids shall be top fixing."

Annex 2A 4.2.2.7



Splash Seat and cover for 355mm bowls

S453679	CODE	Yellow
S4536GQ	CODE	Red
S453636	CODE	Blue
S453601	CODE	White



only for 305mm bowls

with bottom fixing hinges

CODE S4057GQ CODE **\$405736**

CODE **\$4057G01**

Contour 21 Schools ring only for 355mm bowls with bottom fixing hinges

S4059G	CODE	Red
S40593	CODE	Blue
S40590	CODE	White



Contour 21+ slim seat and cover CODE **S067001**



Splash Seat ring only for 355mm bowls

'9	S454579	CODE	Yellow
Q	S4545GQ	CODE	Red
6	S454536	CODE	Blue
01	S454501	CODE	White



Splash Seat and cover for 305mm bowls

S453379	CODE	Yellow
S4533GQ	CODE	Red
S453336	CODE	Blue
S453301	CODE	White



Splash Seat ring only for 305mm bowls

CODE \$453379	Yellow	CODE \$454279
CODE S4533GQ	Red	CODE S4542GQ
CODE \$453336	Blue	CODE \$454236
CODE \$453301	White	CODE \$454201



Contour 21 Schools seat & cover for 355mm bowls with bottom fixing hinges

S4058GG	CODE	Red
S405836	CODE	Blue
S405801	CODE	White



Contour 21 Schools seat & cover for 305mm bowls with bottom fixing hinges

S4056G	CODE	Red
S40563	CODE	Blue
S4056G	CODE	White



Profile 21 seat and cover CODE **\$410301**

Accessible toilets & washrooms

Creating the right environment for accessible toilets is important within schools.

The annex gives the following guidelines which are incorporated within our range of DOC M packs.

- Visual contrast between sanitaryware, grab rails,
 wall finish, floor finish and alarm cord.
- Toilet seat contrasting colour.
- Extended lever single mixer taps with spray outlet.
- Accessible cistern via tamper proof access plate.
 Avoids dirt and germ build up and potential for vandalism.
- Fittings should adopt guidance in BS 8300:2009+A1:2010.

Colour Options	RAL	LRV
White (AC)	9016	87
Blue (LI)	5011	
Grey (LJ)	7005	19
Charcoal (RN)	7016	
Red (GQ).	3020	12

*Alarm cord not included in Armitage Shanks DOC M. packs.





Close Coupled DOC M Pack

Left hand CODE **\$0683**Right Hand CODE **\$0684**

Available with the following coloured rail and seat options: White (AC), Blue (LI), Grey (LJ), Charcoal (RN), Stainless Steel (MY), Red (GQ).



DOC M Shower Packs Concealed CODE **\$6960**

Available with the following coloured rail options: White (AC), Blue (LI), Grey (LJ), Charcoal (RN), Stainless Steel (MY).



Back to wall DOC M Pack

Left hand CODE **\$0685**Right Hand CODE **\$0686**

Available with the following coloured rail and seat options: White (AC), Blue (LI), Grey (LJ), Charcoal (RN), Stainless Steel (MY), Red (GQ).



DOC M Shower Packs Exposed CODE **S0755**

Available with the following coloured rail options: White (AC), Blue (LI), Grey (LJ), Charcoal (RN), Stainless Steel (MY), Red (GQ).

Designing school washrooms from nursery to sixth form

As children grow up, it is important that washroom facilities reflect the needs of each stage.

Annex 2A outlines the key requirements for each age group. Here we show some examples and considerations for designing washrooms along the educational journey.









Nursery (3-5 years of age)

Providing washrooms to improve confidence.

Splash has been carefully designed to ensure that children have an inviting comfortable environment, making for an easy transition from home to public washroom.

"I really enjoy going to the toilet here at school, I like the colours and the green button which uses less water."

Stevie, aged 5.



Nursery (3-5 years of age)

Providing washrooms to improve confidence

Specially designed for younger children, the 305 wc pan, 50cm basin and easy action taps, make this washroom the perfect choice for any nursery.





Primary

Key Stage 1 (5-7 years of age)

Building for tomorrow, today.

When starting Key Stage 1, children will visit the toilet alone, possibly for the first time. With it's bright colours and fun design, Splash makes this change easier.

"My school has great toilets. I used to be scared to go and would wait until I got home, but now I like it better at school!"

Lucy, aged 8.











Primary, Key Stage 1 (5-7 years of age)

Building for tomorrow today

Avoiding unnecessary water wastage

Easy to use push button taps automatically turn off after a few seconds.

"We've been learning about how water saving and helping the environment is really important at school. So I like how we can help with the new toilets and taps."

Jonathan, aged 9.

Junior Key Stage 2 (7-11 years of age)

Simplistic facilities with an air of maturity.

As children enter Key Stage 2 Splash offers larger basins and wc's. The range is flexible enough to offer more grown up facilities whilst keeping design continuity throughout the school washrooms





Junior, Key Stage 2 (7-11 years of age)

Simplistic facilities with an air of maturity

Sophistication for the older child

This Key Stage 2 washroom features the new wall hung pan designed for easy cleaning inside, outside and around the bowl. Adding a semi ped to the 50cm basin not only conceals the pipe work but adds a level of sophistication for the older child.

"The new school washrooms have made my life easier as they take less time to clean."

Chrissie, school cleaner.













Secondary

Key Stage 3 & 4 (11-16 years of age)

& sixth form

Key Stage 5 (16-18 years of age)

Washing spaces that students feel at home in.

As children move towards adulthood washrooms become more like conventional washing spaces.

However many of the principles of designing a washroom established in earlier years still apply.

Bright airy spaces with contemporary fixtures and fittings that are durable and easy to keep clean are a must.







Washroom facilities for teachers & staff

Good facilities for teachers and staff are important as the washroom is a sanctuary for professionals during a busy day.

There is a wide choice of basins, WCs and taps to choose from to create a smart contemporary space.

Here we show some options of contemporary product suitable for adult toilets.









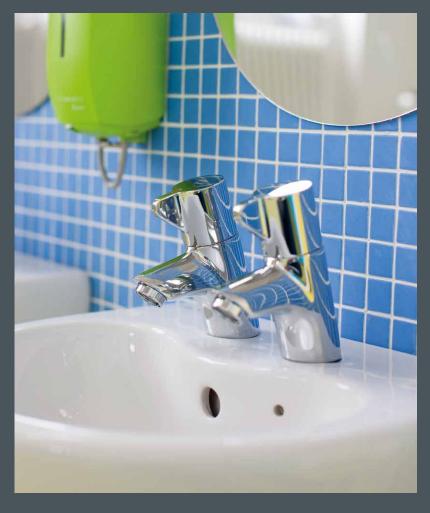
Technical specifications

For our Annex 2A Compliant Sanitaryware

Find the perfect solution for your school.

With detailed drawings and vital measurements to help you specify for your exact space.

Nursery (3-5 years of age)	36
Primary - Key Stage 1 (5 - 7 years of age)	38
Junior - Key Stage 2 (7 - 11 years of age)	42
Secondary - Key Stage 3 & 4 (11-16 years of age) & Sixth form - Key Stage 5 (16-18 years of age)	46
Teachers & Staff	50
Accessible Washrooms	55
Product for replacement and refurbishment	57







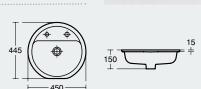


Nursery

Bishopsgate 45cm undercountertop basin

CODE **S067601**





















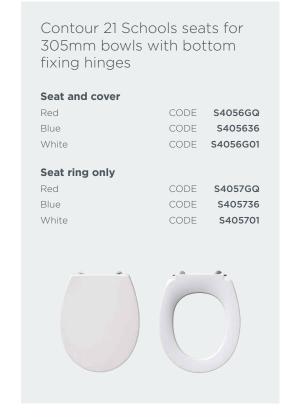




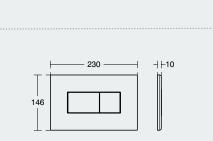








Chrome CODE **E4465AA**









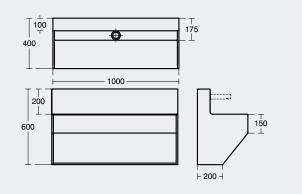








With light grey panel CODE S0751W4 CODE S0751GQ With yellow panel CODE **S075179** CODE **S075136** With blue panel







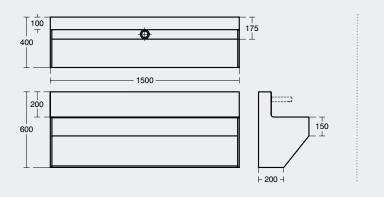






Contour 21 150cm wash trough with upstand

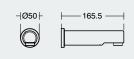
With light grey panel CODE **S0752W4** CODE S0752GQ With red panel With yellow panel CODE **S075279** With blue panel CODE **S075236**





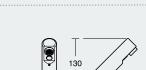
Sensorflow 21 Compact 150mm Wall Spout

Mains CODE A4846AA Link CODE A4847AA Battery CODE A4845AA



Sensorflow 21 Compact Deck Mixer

Mains CODE A4852AA Link CODE A4853AA Battery CODE A4851AA

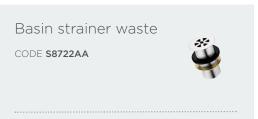








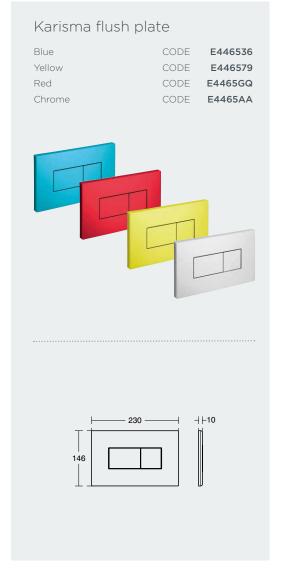










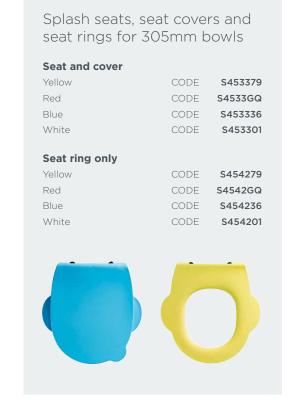


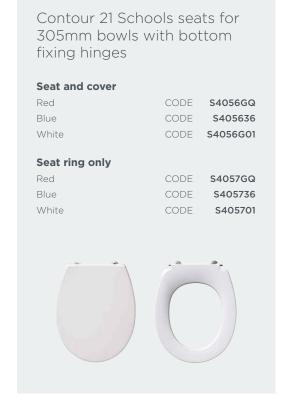








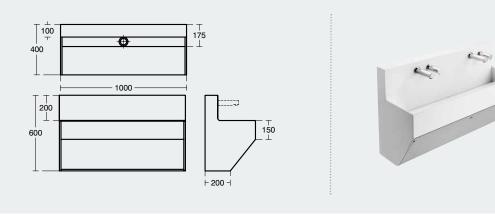




Junior

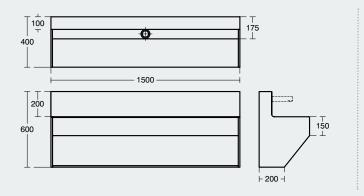
Contour 21 100cm wash trough with upstand

With light grey panel CODE S0751W4
With red panel CODE S0751GQ
With yellow panel CODE S075136
With blue panel CODE S075136



Contour 21 150cm wash trough with upstand

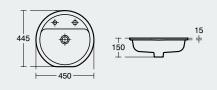
With light grey panel CODE S0752W4
With red panel CODE S0752GQ
With yellow panel CODE S075279
With blue panel CODE S075236





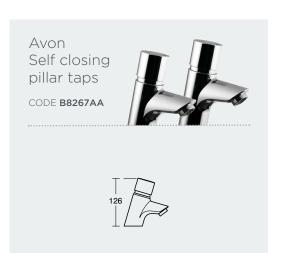
Bishopsgate 45cm undercountertop basin

CODE **S067601**





















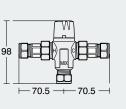




Basin strainer waste CODE S8722AA



Thermostatic mixing valve 15mm CODE A5900AA







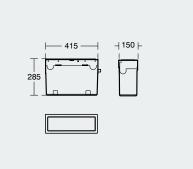






Top inlet cistern, pneumatic dual flush valve, no flushplate, 6/4 litre dual flush.

CODE **\$362467**





Seat and cover		
Yellow	CODE	S453679
Red	CODE	S4536GQ
Blue	CODE	S453636
White	CODE	S453601

Seat ring only		
Yellow	CODE	S4
Red	CODE	S45

Yello 454579 Red 545GQ Blue CODE S454536 White CODE **\$454501**



Contour 21 Schools seats for 355mm bowls with bottom fixing hinges Seat and cover Red CODE **\$405801** Blue CODE **\$405836**

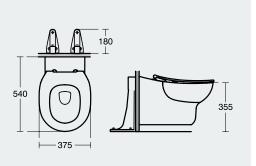
White	CODE	S4058GQ
Seat ring only		
Red	CODE	S405901
Blue	CODE	S405936
White	CODE	S4059GQ



Splash 355mm wall hung WC

Rimless 355mm Bowl CODE **S312701**

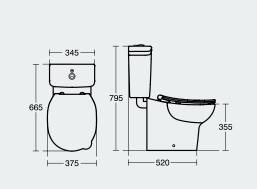




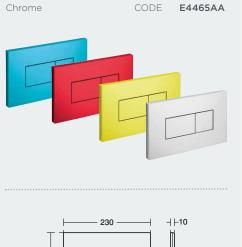
Splash 355mm Close coupled WC

Rimless 355mm Bowl CODE **S312501**

4/2.6 litre dual flush button cistern CODE **S326101**





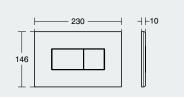


CODE **E446536**

CODE **E4465GQ**

E446579

CODE



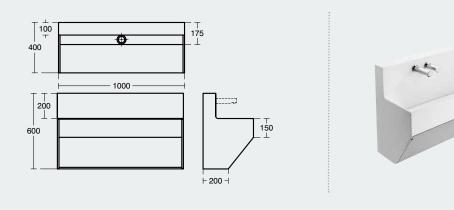
Secondary & Sixth form

Contour 21 100cm wash trough with upstand

With blue panel

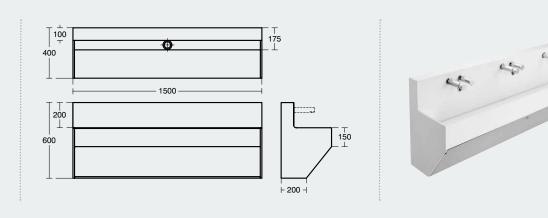
With light grey panel CODE **\$0751W4**With red panel CODE **\$0751GQ**With yellow panel CODE **\$075179**

CODE **S075136**



Contour 21 150cm wash trough with upstand

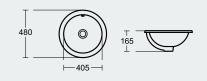
With light grey panel CODE S0752W4
With red panel CODE S0752GQ
With yellow panel CODE S075279
With blue panel CODE S075236



Cherwell 21 Round 48cm undercountertop basin

CODE **S268801**





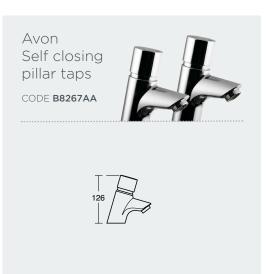
























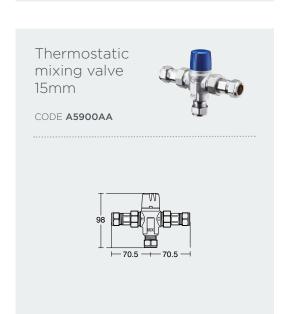












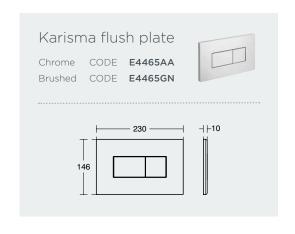


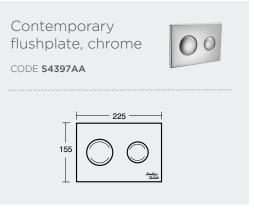


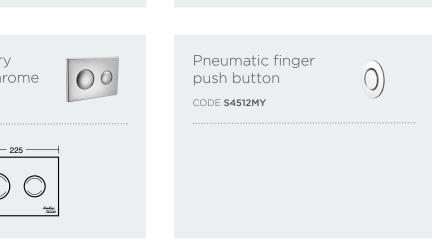














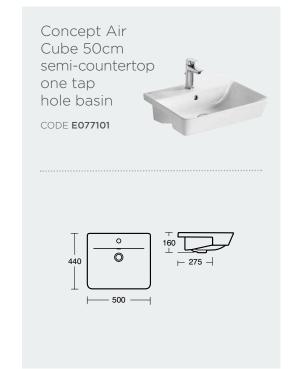


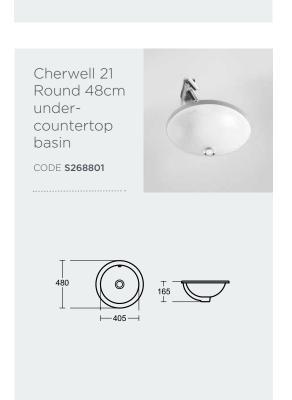


Teachers & Staff

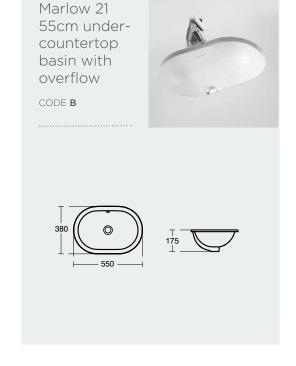






































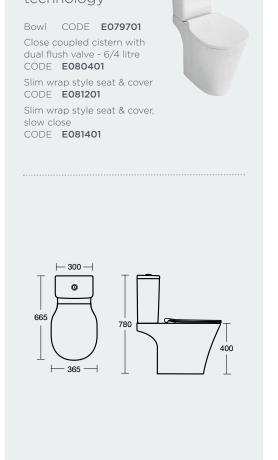




Concept Air









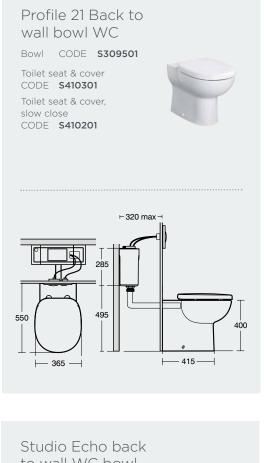
slow close

CODE **\$410201**

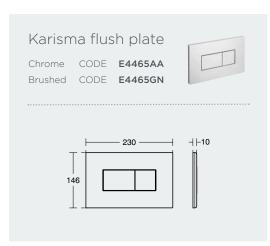
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Contemporary flushplate, chrome CODE \$4397AA

Pneumatic finger push button

CODE \$4512MY

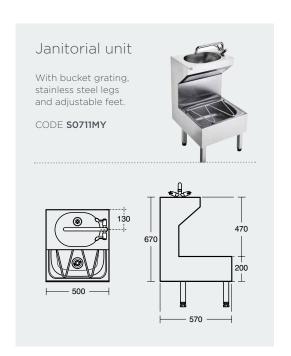












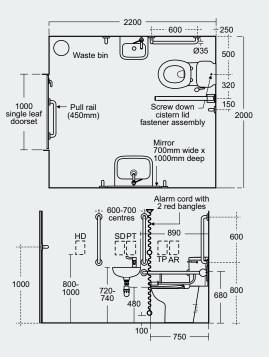
Accessible Washrooms

Close Coupled DOC M Pack

Left hand CODE \$0683
Right Hand CODE \$0684

Available with the following coloured rail and seat options:

White (AC), Blue (LI), Grey (LJ), Charcoal (RN), Stainless Steel (MY), Red (GQ).



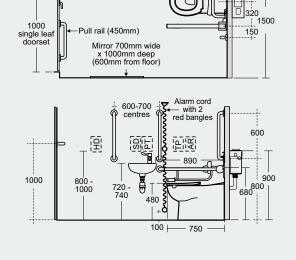


Back to wall DOC M Pack

Left hand CODE \$0685
Right Hand CODE \$0686

Available with the following coloured rail and seat options:

White (AC), Blue (LI), Grey (LJ), Charcoal (RN), Stainless Steel (MY), Red (GQ).





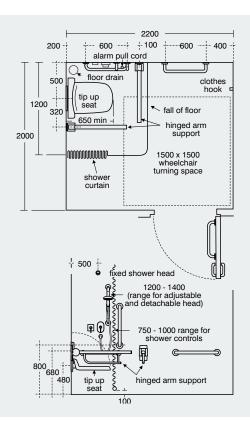
56 Accessible Washrooms

DOC M Shower Packs Concealed

CODE **\$6960**

Available with the following coloured rail options:

White (AC), Blue (LI), Grey (LJ), Charcoal (RN), Stainless Steel (MY).



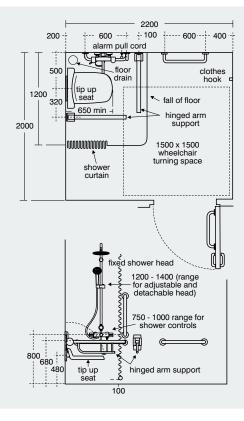


DOC M Shower Packs Exposed

CODE **S0755**

Available with the following coloured rail options:

White (AC), Blue (LI), Grey (LJ), Charcoal (RN), Stainless Steel (MY), Red (GQ).



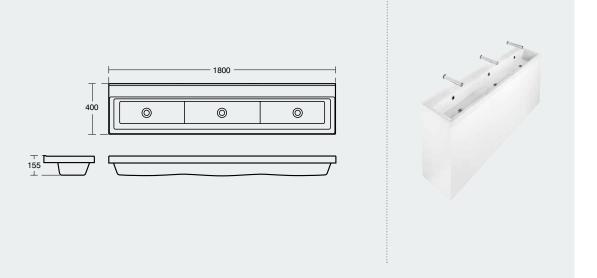


Product for replacement and refurbishment

Broadway trough 120cm COD

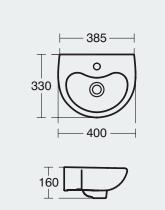
120cm CODE **\$209801** 180cm CODE **\$209901**

240cm CODE **\$210501**

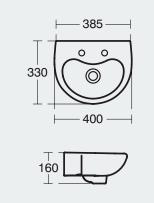














Guarantee

Lifetime All ceramic products.

5 years On taps and mixers, toilet seats and cistern fittings.

Our confidence in the quality and reliability of our product allows us to offer outstanding extended guarantees on all our products – where the product fails within 5 years/lifetime we offer a free replacement or replacement part (or nearest equivalent). So when your washroom has been satisfactorily installed and is working well, please ensure you register your guarantee.

This guarantee is transferable – it applies to the product not the purchaser provided the guarantee registration is passed on to the new owner.

Liability is limited to individual products and the guarantee does not cover the consequential loss or damage or installation costs. This guarantee does not affect your statutory rights. Products must be installed, used and cared for in line with our fixing instructions and local water regulations, and room must be adequately ventilated.

Parts (eg. flushvalves) are guaranteed for five years and will be replaced if found to be faulty.

For further information on any products;

please call **0870 122 8822** or visit **www.idealspec.co.uk**

Additiona IInformation GOV.UK www.gov.uk

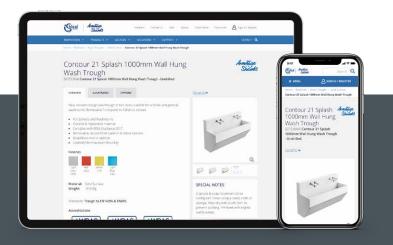
The guarantee does not cover general wear and tear.

Applies to UK and Republic of Ireland only.

You can register for guarantees on a bathroom bought on your behalf by a plumber or builder.

Colours printed in this book are as near as possible to the manufactured range of Armitage Shanks products. Our policy is one of continuous improvement and we reserve the right to change specification and design at any time without notice.

All measurements are in millimetres and are approximate. Products can be subject to tolerances due to manufacturing processes.



Armitage Shanks

Armitage, Rugeley, Staffordshire, WS15 4BT Tel 01543 490253 Fax 01543 491677

Armitage Shanks Dublin Ltd 3013 Lake Drive, Citywest Business Campus, Dublin 24 Tel: 003531 456 4525

www.idealspec.co.uk

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