



FRANKHAM

**BASEPOINT BUSINESS PARK, TILBURY  
THURROCK COUNCIL**

**RIBA STAGE F1 SPECIFICATION  
SANITARY APPLIANCES & FITTINGS**

## Notice

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## Document History

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V2	Stage F1 (NBS) Sanitary Appliances & Fittings	JES	DJM	DJM	NS	27.07.16

## N13 Sanitary appliances and fittings

To be read with Preliminaries/ General conditions.

### PRODUCTS

- 300 WCS & CISTERNS TO ALL WHEELCHAIR / AMBULANT DISABLED USER TOILETS  
Manufacturer: Armitage Shanks, Armitage, Rugeley, Staffordshire, WS15 4BT (T: 01543 490253).  
Product reference: S3052 - Contour 21 WM 75cm Projection Wall Mounted WC Pan with Horizontal Outlet for Ducts.  
Material: Vitreous China.  
Type approval certificate: Submit.  
Transfer handing: Refer to Architect's Drawings.  
Seat and cover:  
Manufacturer: Armitage Shanks.  
Product reference: S4066RN - Contour 21 Toilet Seat without Cover with top fixing hinges.  
Material: Plastic.  
Colour: Dark Grey (RN).  
Pan connector:  
Standard: To BS 5627.  
Manufacturer: Armitage Shanks.  
Product reference: S430501/S430001.  
Colour: White.  
Flushing arrangement: Electronic control & combined cistern.  
Manufacturer: Armitage Shanks.  
Product reference: S3604AA – Sensorflow 21 WC cistern complete with electronic flushing device - 4.5 litre, bottom inlet duct cistern with delayed action inlet valve.  
Operating control: Sensorflow.  
Water supply connection: Side inlet.  
Flush volume: 4.5 litre.  
Flush pipe: Rigid.  
Manufacturer: Armitage Shanks.  
Product reference: S430201 Contour 21 constructed flush pipe  
Material: Plastic.  
Accessories: Armitage Shanks support brackets (Ref. S9139) secured to floor within IPS duct with WC pan fixed to support brackets with supplied bolts.  
**Note: Wheelchair user wc pans to be set at 480mm to top of seat above Finished Floor Level.**
- 331 LOW LEVEL WASH HAND BASINS & TAPS TO ALL WHEELCHAIR / AMBULANT DISABLED USER TOILETS (SET IMMEDIATELY ADJACENT TO WC PAN - FOR WHELCHAIR USERS WHILST SAT ON WC PAN)  
Manufacturer: Armitage Shanks, Armitage, Rugeley, Staffordshire, WS15 4BT (T: 01543 490253).  
Product reference: S247401 (right hand tap hole ) and S247301 (right hand tap hole) - Contour 21 37cm panel mounted basin, no overflow, no chain hole.  
Size: 37cm.  
Material: Vitreous China.  
Tap hole: One – offset to suit left or right hand.  
Chainstay/ Overflow holes: None  
Water supply fittings:  
Water supply temperature (maximum): 40 deg C - Refer also to Mechanical & Electrical Engineering Specifications.  
Flow rate (maximum): 6 litres/minute at 0.3MPa.  
Manufacturer: Armitage Shanks.  
Product reference: A4169AA Contour 21 basin tap - Thermostatic lever tap with long lever handle  
Standards: To BS EN 274-1, -2 and -3.

Manufacturer: Armitage.  
Product reference: S8720AA Strainer waste.  
Size: 1.25 inch.  
Material: Chrome plated plastic.  
Tail: unslotted.  
Traps:  
Standards: To BS EN 274-1, -2 and -3.  
Manufacturer: Armitage.  
Product reference: S8900AA.  
Size: 1.25 inch.  
Material: Chrome plated plastic.  
Depth of seal (minimum): 75 mm.  
Accessories: Pre-plumbed cisterns as part of Venesta IPS System will include all necessary fixing accessories.

332 STANDING LEVEL WASH HAND BASINS & TAPS TO ALL WHEELCHAIR / AMBULANT DISABLED USER TOILETS (SET AWAY FROM WC PAN - FOR STANDING AMBULANT DISABLED USERS FOLLOWING USE OF WC PAN)

Manufacturer: Manufacturer: Armitage Shanks, Armitage, Rugeley, Staffordshire, WS15 4BT (T: 01543 490253).  
Product reference: S215401 - Contour 21 50cm back outlet basin, no tap holes, no overflow, no chain hole  
Size: 50cm.  
Material: Vitreous China.  
Tap/ Chainstay/ Overflow holes: None.  
Water supply fittings:  
Water supply temperature (maximum): Refer to Mechanical & Electrical Engineering Specifications.  
Flow rate (maximum): 4.7 litres/minute at 0.3MPa.  
Manufacturer: Armitage Shanks.  
Product reference: Sensorflow 21 Compact with integral electronic control.  
Wastes:  
Standards: To BS EN 274-1, -2 and -3.  
Manufacturer: Armitage.  
Product reference: S875001.  
Size: 1.25 inch outlet adapter.  
Material: Plastic.  
Tail: N/A.  
Traps:  
Standards: To BS EN 274-1, -2 and -3.  
Manufacturer: Armitage.  
Product reference: S8920.  
Size: 1.25 inch bottle trap.  
Material: plastic.  
Depth of seal (minimum): 75 mm.  
Accessories: S911267 basin fixings.

426 BACKRESTS TO ALL WHEELCHAIR / AMBULANT DISABLED TOILETS

Manufacturer: Pressalit Care Plc, 100 Longwater Avenue, Green Park, Reading, RG2 6GP (T: 0844 880 6950).  
Product reference: Backrest (Ref. R6014).  
Material: Aluminium and padded plastic.  
Finish/ Colour: Silver aluminium with padded white plastic backrest (Ref.000).

435 HINGED SUPPORT RAILS TO AMBULANT DISABLED & WHEELCHAIR USER TOILETS

Manufacturer: Pressalit Care Plc, 100 Longwater Avenue, Green Park, Reading, RG2 6GP (T: 0844 880 6950).  
Product reference: Multi support arm (Ref. R3018)  
Material: Aluminium and plastic .  
Colour: Silver aluminium with white plastic oval grip (Ref.000)

- 436 GRAB BARS TO AMBULANT DISABLED & WHEELCHAIR USER TOILETS  
Manufacturer: d line UK, 23 Hanvoover Square, Mayfair, London, W1S 1JB (T: 01462 450294. Contact: Darren Williams - 0741 587 0415)).  
Product reference:  
Code 14.4614.02.659 - d-line 650mm x 32mm diameter satin stainless steel grab rail with flush holes for secret fixings.  
Code 14.4954.92.002 d-line 29mm long x 10mm diameter steel bushes.  
Code 14.4911.91.806 80mm x 10mm diameter coach screws.  
Diameter: 32mm.  
Material: Satin stainless steel.  
Colour: Stainless silver grey.
- 438 MIRRORS  
Refer to Section L40/550 - 500mm diameter mirrors required without visible fixings.
- 441 PAPER TOILET ROLL DISPENSERS TO SERVE ALL TOILET AREAS  
Manufacturer: Metsä Tissue Limited, 2 Walton Lodge, Bridge Street, Walton on Thames, Surrey, KT12 1BT (T: 0 8456 018 266).  
Product reference:  
KATRIN Toilet 2-Roll Dispenser - Model 989706  
Material: Brushed Steel.  
Colour: Silver.
- 442 PAPER HAND TOWEL DISPENSERS TO SERVE ALL TOILET AREAS  
Manufacturer: Metsä Tissue Limited, 2 Walton Lodge, Bridge Street, Walton on Thames, Surrey, KT12 1BT (T: 0 8456 018 266).  
Product reference:  
KATRIN Hand Towel M Dispenser - Model 988366  
Material: Brushed Steel.  
Colour: Silver.
- 458 LIQUID SOAP DISPENSERS TO SERVE ALL TOILET WASH HAND BASINS  
Manufacturer: Metsä Tissue Limited, 2 Walton Lodge, Bridge Street, Walton on Thames, Surrey, KT12 1BT (T: 0 8456 018 266).  
Product reference:  
KATRIN Foam Soap Dispenser - Model 993063  
Material: Brushed Steel.  
Colour: Silver.
- 460 TOILET BRUSH & BRUSH HOLDERS TO ALL STAFF TOILETS  
Manufacturer: Allgood plc, 63/83 Brearley Street, Birmingham, B19 3NT (T: 0121 359 4415).  
Product reference:  
ALITE XX98500SS Toilet Brush Holder with Brush  
Material: Satin stainless steel.  
Colour: Stainless silver grey.
- 472 HAND DRIERS  
Manufacturer: FW3 Ltd, West Hill, Exeter, Devon, EX11 1LQ, United Kingdom (T: 0800 3285708. Contact: Peter Roberts on 01404 814292).  
Product reference:  
BIODRIER 'Biolite' Wall Mounted Hand Drier (Model BL09S)  
Material: Plastic.  
Colour: Silver.

- 474 WALL MOUNTED WASTE BINS IN ALL TOILET AREAS  
Manufacturer: Allgood plc, 63/83 Brearley Street, Birmingham, B19 3NT (T: 0121 359 4415).  
Product reference:  
ALITE XX98520SS Wall Mounted Waste Bin.  
Material: Satin stainless steel.  
Colour: Stainless silver grey.

## **EXECUTION**

- 610 INSTALLATION GENERALLY  
Assembly and fixing: Surfaces designed to falls to drain as intended.  
Fasteners: Nonferrous or stainless steel.  
Supply and discharge pipe work: Fix before appliances.  
Fixing: Fix appliances securely to structure. Do not support on pipe work.  
Jointing and bedding compounds: Recommended by manufacturers of appliances, accessories and pipes being jointed or bedded.  
Appliances: Do not use. Do not stand on appliances.  
On completion: Components and accessories working correctly with no leaks.  
Labels and stickers: Remove.
- 613 COMPATIBILITY OF COMPONENTS  
General: Each sanitary assembly must consist of functionally compatible components, preferably obtained from a single manufacturer.  
Exceptions: As noted in specifications above.
- 620 NOGGINGS AND BEARERS  
Noggings, bearers, etc. to support sanitary appliances and fittings: Position accurately. Fix securely.
- 630 TILED BACKGROUNDS  
Timing: Complete before fixing appliances.  
Fixing appliances: Do not overstress tiles.
- 670 INSTALLING CISTERNS  
Cistern operating components: Obtain from cistern manufacturer.  
Float operated valve: Matched to pressure of water supply.  
Overflow pipe: Fixed to falls and located to give visible warning of discharge.  
Location: Agreed, where not shown on drawings.
- 710 INSTALLING TAPS  
Fixing: Secure against twisting.  
Seal with appliance: Watertight.  
Positioning: Hot tap to left of cold tap as viewed by user of appliance.
- 720 INSTALLING WASTES AND OVERFLOWS  
Bedding: Waterproof jointing compound.  
Fixing: With resilient washer between appliance and back nut.