



## SAFE ENSUITES

Washroom products for Specialist Hospitals, Clinics, Care homes and custodial applications.

DVS are a market leader and have been specialising in the field of high secure washroom products for specialist applications, including mental healthcare environments for over 29 years.

Designed for the toughest environments and manufactured using advanced technologies, DVS safe-ensuite sanitaryware is robust yet designed to look domestic, making it ideal for therapeutic environments, such as Mental Healthcare Institutes.

## HYGIENIC, ROBUST, RELIABLE...

### INTRODUCTION

Dart Valley Systems offer a comprehensive range of high security sanitaryware which were designed and developed specially for high secure applications.

Their design and construction are unique and unrivalled. The products have a gloss finish similar to porcelain, giving an attractive domestic look. This range has been designed to remove anti-ligature points where possible.

As well as the high secure resin range, DVS also offer complete washroom water controls, including; showerheads and spouts with the option of wave-on sensors or tactile operation. Dart Valley Systems washroom control system will control a complete ensuite (WC, Basin & Shower), however if required we can offer individual controls all fitted with lock-outs to eliminate the user to continue running the water.

For further details about our full product range, please refer to our website at [www.dartvalley.co.uk](http://www.dartvalley.co.uk) or contact our sales team on +44(0)1803 529021

#### SITE REF's

Below is just some of DVS's 2014 mental healthcare customers:

The Huntercombe Group  
St Andrew's Healthcare  
Norfolk & Suffolk Healthcare Trust  
Nottinghamshire Healthcare Trust  
West Hertfordshire Hospital MH NHS Trust  
Rotherham Doncaster & South Humber MH NHS Foundation Trust  
West London MH NHS Trust  
Partnerships in Care (PiC)  
Soss Moss Medium Secure Unit  
Kingsley Green Mental Health Unit



## AND SERVICEABLE

### SAFETY

The DVS high security sanitaryware range has been designed and tested to be vandal proof and avoid ligature points.

The sanitaryware has been tested to Home Office Regulations for anti-vandal, reduced-ligature and fire resistance. The back to wall WC pans, also have been approved and tested by BMA (Bathroom Manufacturers Association).

### INSTALLATION & SERVICING

An experienced team of regionally based City & Guilds certified service and installation engineers allow us to offer our customers the highest standard of installation, alongside comprehensive after sales service, including commissioning.

For more information on our installation and support services or to request a visit from one of our engineers, please contact our dedicated service team on +44 (0)1803 529021 or email [servicing@dartvalley.co.uk](mailto:servicing@dartvalley.co.uk) or [techsupport@dartvalley.co.uk](mailto:techsupport@dartvalley.co.uk)



**BREEM®**





# HIGH SECURITY WC PANS

## GEL COAT WC PAN

The DVS high security range of WC pans have been designed and tested to be vandal-proof and avoid ligature points wherever possible.

The techniques employed to construct these pans are used very successfully in the field of ballistic armour manufacturing, this results in unrivalled impact resistance.

A high-grade non-porous polyester gel coat surface in all white comes as standard, and also available with blue gel coat rim to assist partially sighted users. The gel coat has been specially formulated to resist chemicals and ultraviolet rays.

## Models available\_

- Back to wall - standard
- Back to wall - disabled (60mm higher)
- Optional spacer box for use with Back to wall disabled pan
- Left and/or right infill's for use with back to wall pans
- Wall hung



Standard height 420mm  
VR01-010



Wall hung WC pan  
VR01-017

## Optional blue gel coat finish\_



Disabled height 480mm  
VR01-035



Disabled WC pan spacer box  
VR01-012



## WC PAN WITH SIDE INFILLS



Standard height WC pan  
with RH infill  
VR01-014



Standard height WC pan  
with LH infill  
VR01-013



Standard height WC pan  
with double infill  
VR01-046

### FEATURES\_

- GRP impact resistant construction
- Polyester gel coat finish
- Anti-vandal
- Anti-shatter moulded resin
- Virtually indestructible
- High impact resistance
- Attractive domestic look
- Rear concealed waste outlet
- Large trap to avoid blockages
- Warm to the touch surface eliminates 'icy shock'
- Blue gel coat rim available
- Tested to Home Office Regulations for anti-vandal, reduced ligature and fire resistant
- Secure wall mounted fixings supplied as standard - 100mm
- Longer fixings available if required - 150mm or 250mm
- BMA (Bathroom Manufacturers Association) approved
- Light to lift, compared to standard ceramic sanitaryware
- No-touch or tactile controls available





# HIGH SECURITY BASINS

## HIGH SECURITY BASINS & BACKPLATES

The DVS safe en-suite range has been designed for the toughest environments, and manufactured using advanced technologies. This range is robust, vandal resistant and avoids ligature points where possible.

Additional properties include high resistance to cyclical stresses and dual stage failure mode. This provides excellent impact resistance and will not be subject to catastrophic failure. The surface is a high-grade polyester gel coat.

The design is aesthetically pleasing, and can be used in conjunction with our latest range of floor and wall mounted WC pans. This provides an ideal solution for use in many sectors.

## FEATURES\_

- Polyester gel coat finish
- GRP impact resistant construction
- Rear concealed waste outlet
- Stainless Steel ligature resistant waste grid
- Integrated water spouts
- Moulded soap shelves (tall version back plate only)
- Wave-on or tactile controls - available separately
- Basin only also available



HS integrated basin with moulded shelves  
VR01-030



Ligature resistant and vandal resistant waste grid (VR01-032)

- 316 Stainless Steel
- BMA compliant



HS basin (VR01-001) with backplate and moulded shelf (VR01-004)



Low backplate  
VR01-003



Standard backplate  
VR01-002



# ACCESSORIES



HS mirror with shelf  
VR01-037



(Optional orientation)



HS mirror  
VR01-025



HS corner soap dish  
VR01-026

## HIGH SECURITY ACCESSORIES

DVS also offer high security accessories for the most demanding of environments, using the latest impact resistant materials and ligature resistant design.

### MIRROR RANGE

The mirror only option and mirror with integrated shelf option both include a virtually indestructible plastic mirror insert, with impact resistant one-piece moulded frame, making these highly suited for custodial, healthcare and mental healthcare applications.

### FEATURES\_

- Ligature resistant design
- Impact resistant GRP moulded frame
- Poly-carbonate mirror insert:
  - mirror without shelf - 240mm (w) x 340mm (h)
  - mirror with shelf - 250mm (w) x 350mm (h)
- Hygienic, easy to clean gel coat finish
- Easy and secure method of fixing

### SOAP DISH FEATURES\_

- Moulded soap outlet for easy cleaning
- Easy and secure method of fixing



## FRANKE SISSONS: STAINLESS STEEL



LH option  
HDTX800L



Central option  
HDTX800M



RH option  
HDTX800R

### S/S COMBINATION UNITS

The combination units feature an integrated WC and washbasin with a range of water controls and cisterns. These units have been installed in over 100 locations worldwide in secure washrooms, prisons, police stations and custody areas.

The units are made of 2.0 mm (304) Stainless Steel and prevent the user from concealing drugs, dismantling or tampering the unit and have several anti-ligature features. The WC is approved to EN-997 for 6 litre flushing performance.

### FEATURES\_

- All welded construction
- 2mm 304 Stainless Steel
- Satin polished finish
- EN 997 approved 6 litre flush
- Self closing manual push buttons
- Grated waste outlet fitted to washbowl
- Washbasin and WC pipework provided
- Left, centre or right positioned WC options
- Centrally positioned toilet roll holder



Stainless steel is 100% recyclable!





# BATH FILLING & SPOUTS



## HIGH SECURITY TAP & BATH SPOUT

DVS provide High Security solutions for all mental healthcare and custodial applications, including the new High Security tap and bath spouts suitable for basins and baths.

The Stainless Steel body provides a modern aesthetic and a hygienic easy to clean surface, whilst the standard 1/2" BSP brass tail allows straight forward removal and exchange of the spout during maintenance.

A disposable non-return / flow regulator valve can be fitted inside the tail to further improve water efficiency. It is easily removable and should be replaced periodically to maintain hygiene.

## FEATURES\_

- High security, ligature resistant design
- Stainless Steel body and outlet
- Brass 1/2" BSP threaded tail (3/4" BSP for bath spout)
- Compatible with or without electronic controls
- Easy low cost maintenance
- Disposable non-return / flow regulator valve also available to improve efficiency



Ligature resistant bath spout  
AT07-059



Ligature resistant tap spout  
AT07-058



Ligature resistant bath spout  
SH07-043



High security bath filling backplate  
VR01-024



Bath filling sensor plate  
SH07-054



Bath filling top-up sensor plate  
SH07-055



# SHOWERING

## SHOWERS

DVS offer a complete range of shower heads and panels for the most demanding applications. Constructed from robust 316 Stainless Steel, DVS showers are safe but attractive, high security and easy to install.

The DVS range of shower towers are pre-plumbed to help make installation as easy as possible.



30° HS shower head  
SH07-040



Ceiling mounted high-  
security shower head  
SH07-042

## FEATURES\_

- Designed for high-security applications
- Robust 1.5mm (front) and 2mm (back) 316 Stainless-Steel Construction
- Easy to install
- High impact resistance
- Tamper proof
- Wave-on, push or tactile operation
- Optional sensing range with the Programmable sensor (available separately)
- Available in 2 standard heights with or without optional TMV3
- Pre-plumbed rigid copper pipework



Ceiling height  
shower tower  
pre-plumbed  
internal view



Ceiling height  
shower tower  
SH01-003



Anti-ligature sloped  
top shower tower  
SH01-002





# CONTROLS

## WASHROOM CONTROL SYSTEM

The Washroom Control System has been specially designed to meet the requirements of the modern day safe-ensuite in mental health units, prisons and police cells.

### CAPABLE OF MANAGING:

- DVS WC flushvalve
- Shower control
- Optional call-out button for manual or computer interfacing
- Hot and cold tap control (ideal for controlling the DVS high security backplate with in-built water spouts)
- All of the above controls have the built in option of 'Lock-Out', to limit the number of operations in each period of adjustable run times

### FEATURES\_

- Multi-function unit from one control
- Variable functions allowing custom setups to suit individual requirements
- Optional reset or lock-out feature from a key switch control
- Lock-outs (selectable)
- Optional call-out button
- Covers a variety of uses (reduces installation and unit costs)
- Purge facility



Tactile switch (hot)  
AC02-047



Tactile switch (cold)  
AC02-046



Anti-vandal sensor (hot)  
AC02-041



Anti-vandal sensor (cold)  
AC02-040



## 2-CHANNEL CONTROL SYSTEM

DVS also offer individual 2-channel control systems for taps, showers and baths. The control system can be used with wave-on or tactile sensors.

AT07-001 (Tap Control System)  
SH07-001 (Shower Control System)  
SH07-020 (Bath Control System)



Dart Valley Systems Ltd  
Kemmings Close  
Long Road  
Paignton  
Devon  
TQ4 7TW  
United Kingdom

**t** +44 (0)1803 529021  
**f** +44 (0)1803 559016  
**e** [sales@dartvalley.co.uk](mailto:sales@dartvalley.co.uk)  
**w** [www.dartvalley.co.uk](http://www.dartvalley.co.uk)

**Follow us on Twitter** @DartValleyDVS