HIGH SECURITY SANITARYWARE

Conventional safe-ensuite sanitaryware, apart from being extremely heavy and difficult to handle/manoeuvre, can be broken and shatter producing dangerous shards of material for self harm or harm to others.

Shatterproof

Anti-vandal, ligature resistant and fire resistant: tested by The Home Office

This special High Security sanitaryware has excellent high impact resistance and will not shatter. The techniques employed to construct these high security products are used in the fields of ballistic armour.

The surface is a high grade polyester gel coat which produces high chemical & ultraviolet resistance.

It is also much lighter (and therefore easier to manoeuvre/handle for installers) than most conventional safe-ensuite sanitaryware; for example the WC pan weighs under 20 kg

Ideal for Prisons, Police Cells, Mental Health Units and other custodial/municipal applications where vandalism is a high risk.
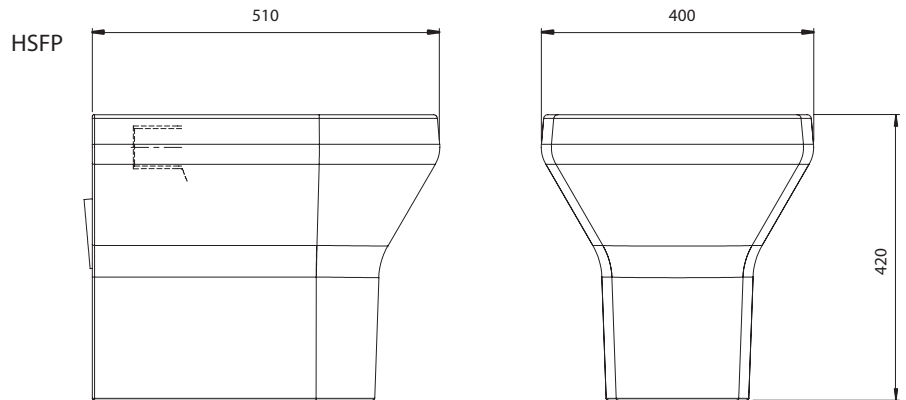
High Security WC Pans

Concealed rear waste outlet • Optional side in-fills • Large trap to reduce blockages
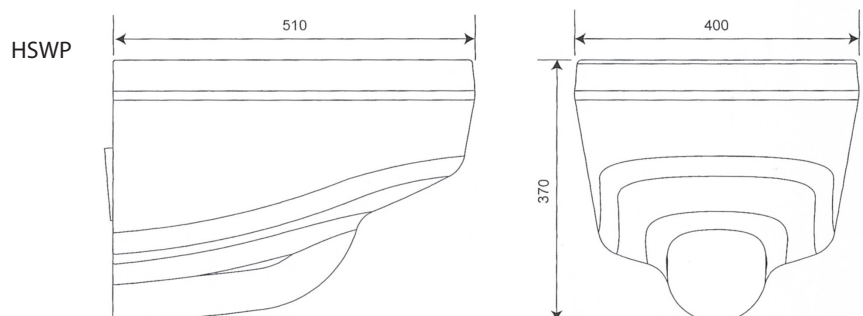
Floor Standing WC Pan

Code: HSFP

HSFP

510

400

420

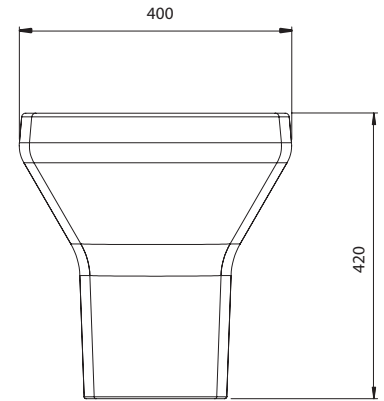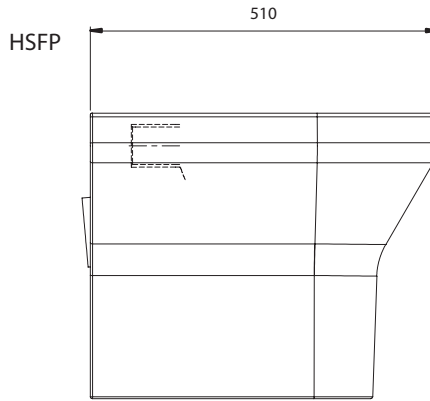### Wall hung WC Pan

Code: HSWP

HSWP

510

400

370

Standard fixing kit is for 60mm wall thickness. If wall is thicker than 60mm please confirm total wall thickness as you will need optional extension threads.

High Security Blue Gel WC Pans
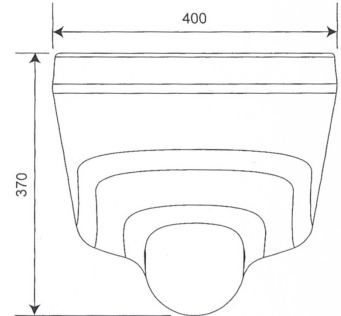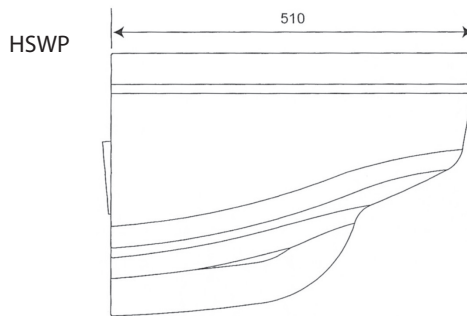
Floor Standing Blue Gel WC Pan

Code: HSFP-Blue Gel

HSFP

510

400

420

Wall hung Blue Gel WC Pan

Code: HSWP-Blue Gel

HSWP

510

400

370

High Security Disabled WC Pans

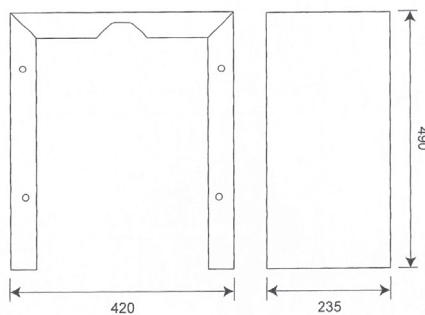### Floor Standing Disabled WC Pan

Code: HSFP-DIS

HSFP

510

400

480
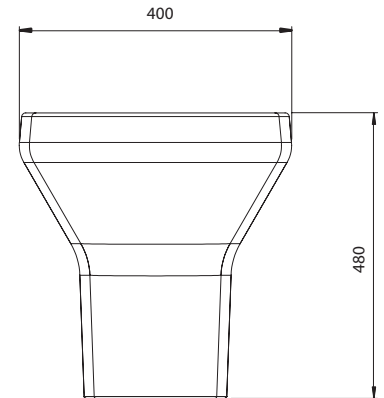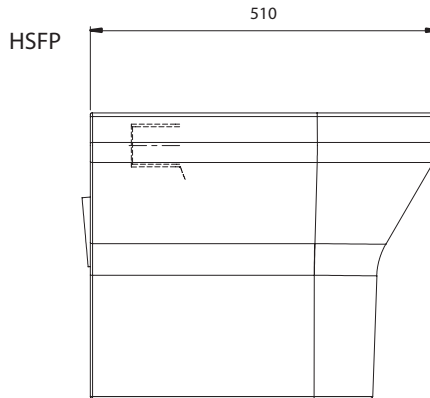
Floor Standing Disabled Blue Gel WC Pan

Code: HSFP-DIS-Blue Gel

Spacer Box
(*For use only with disabled WC Pan*)
Code: HSSSB-DIS

490

420

235

Concealed Cistern (Tall)
Code: HSTC
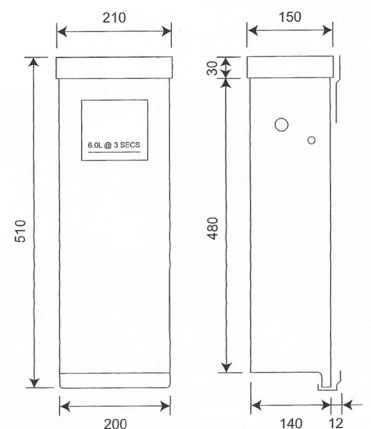
210

150

30

6.0L @ 3 SECS

510

480

200

140

12

Standard fixing kit is for 60mm wall thickness. If wall is thicker than 60mm please confirm total wall thickness as you will need optional extension threads.

High Security Basin & Backplates

Basin c/w 70mm Fixing Kit. Backplates include spouts. Optional extension threads available for thicker walls
Backplates do not include sensors or touchpads. These need to be ordered separately
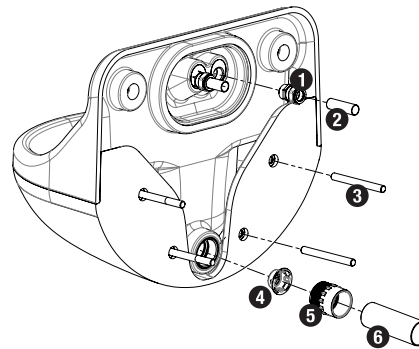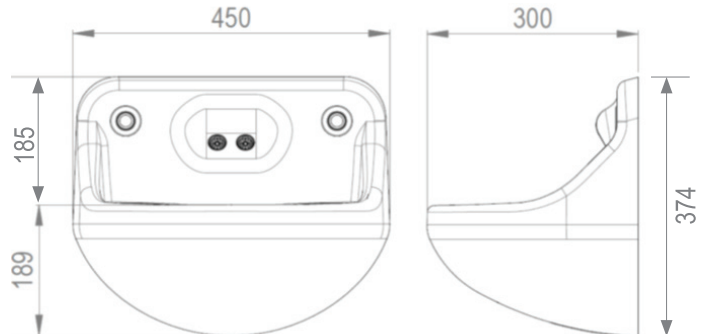

Code: HSWHB-INT

- Rear concealed waste outlet
- Ligature resistant
- Wave on or tactile control options available
- In built water spouts and moulded soap shelves c/w stainless steel anti-ligature waste grid
- Optional lock out facility

Order Code: Product Description
HSWHB-INT High Security Integrated Basin & Backplate

1 - G1/2" / 15mm COMPRESSION MALE IRON
2 - 15mm COPPER PIPE (NOT SUPPLIED)
3 - M10 x 100 STUDDING
4 - VR01-032 WASTE GRID
5 - 1 1/4" PLASTIC MALE IRON
6 - WASTE PIPE (NOT SUPPLIED)

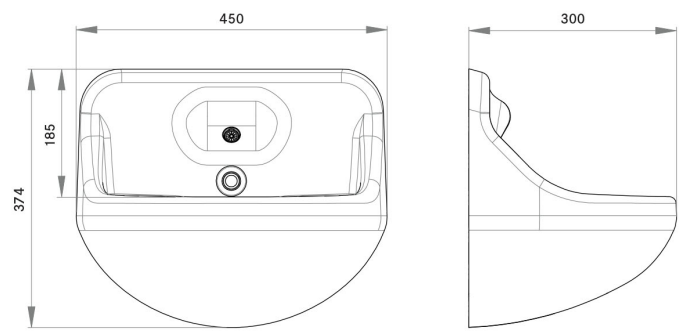### Code: HSWHB-INT-MONO

- Rear concealed waste outlet
- Ligature resistant
- Wave on or tactile control options available
- In built water spout and moulded soap shelves c/w stainless steel anti-ligature waste grid
- Optional lock out facility

Order Code: **Product Description**
HSWHB-INT-MONO High Security Integrated Basin & Backplate

FEMALE G ½"
MALE G ¾"
FEMALE G 1¼"   M10 (x4)
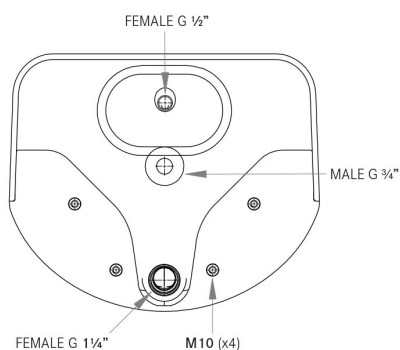
High Security Basin and Backplate

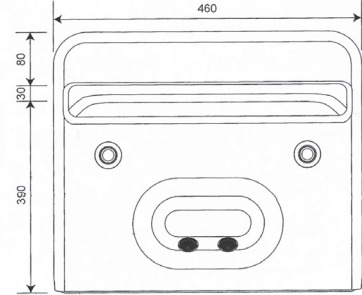Code: HSWHB-BP-COMPLETE
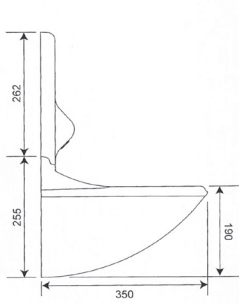
Standard Backplate for High Security Basin

Code: HSWHB-BP

Optional Backplate with Shelf

Code: HSWHB-BP-Shelf
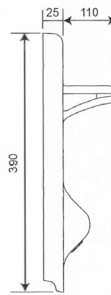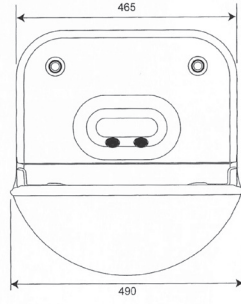
Order Codes:	Product Description	Order Codes:	Product Description
HSWHB	High Security Basin (only)	HSWHB-BP	Standard Backplate for Basin
HSWHB-BP-COMPLETE	Basin & Standard Backplate	HSWHB-BP-Shelf	Optional Backplate with Shelf

High Security Backplates for use with your own bath/basin

Sanitaryware Backplates are fitted with Anti-Ligature spouts.

Order Code: HSBP-BATH Remote backplate for bath
(*c/w no flow regulator to ensure high flow*)

Order Code: HSBP-BASIN Remote backplate for basin
(*c/w 5Lpm flow regulator*)

Order Code: SSHFBP   **Dims:** 160mm × 110mm
Steel Bath Backplate to control water to a separate bath spout.
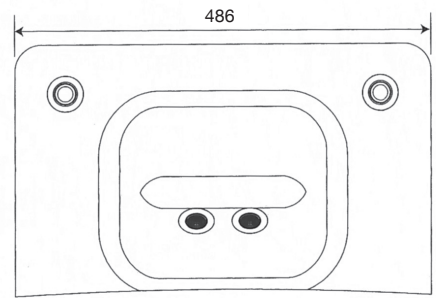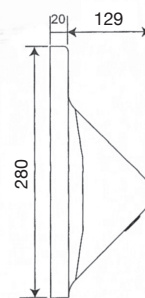
Accessories

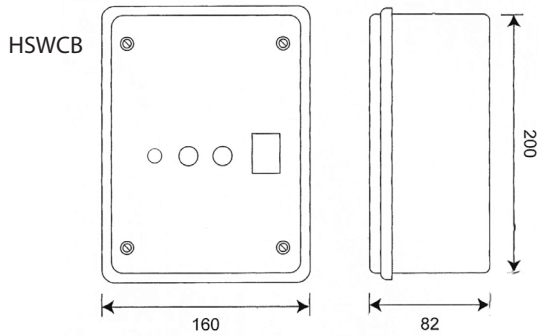| Order Codes:	Product description
HSM	Shatterproof High Security Mirror
HSWG	Waste Grid
HSRP	Replacement rubber plug

ENSUITE WASHROOM CONTROL SYSTEMS
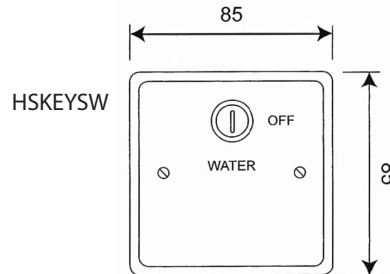
Ensuite Washroom Control System features:

single control box can control a basin with 2 spouts, a WC and a shower

anti-ligature no-touch sensor (or optional electronic touchpad switch) operation

optional lock-out facility

optional purge facility

Washroom Control Box

HSWCB

Order Code: **Product Description**

HSWCB   Washroom Control Box
(with controls for WC, Basin & Shower)

Remote Key Switch

HSKEYSW

Order Code: **Product Description**

HSKEYSW   Water control key switch c/w 5m cable
*(suitable for use with washroom control system
for isolating water or re-setting lockouts)*

Ensuite Control Package 1—High Risk (excluding shower)
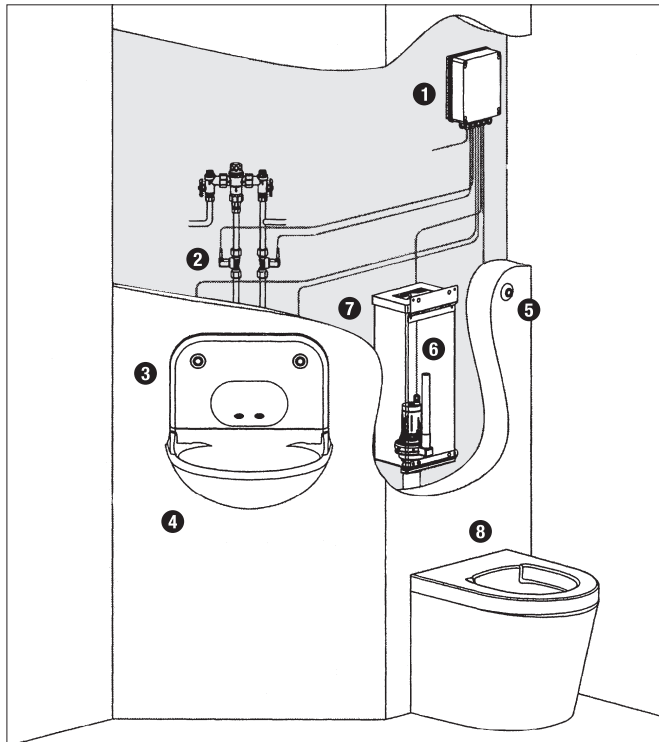
Order Code:
Ensuite Control Package 1 - High Risk

Package 1 includes:
1. Washroom Control Box
2. 2 No. 15mm Solenoid Valves
3. High Security Standard Backplate (and 2 No. Sensors; 1 for hot water, 1 for cold water)
4. High Security Basin (or new integrated all in one basin and backplate)
5. WC anti-Vandal wave-on Sensor
6. WC Flushvalve
7. Concealed Cistern Kit
8. High Security WC Pan

Does not include sensor and valve for shower.

Thermostatic mixing valves also available if specified.
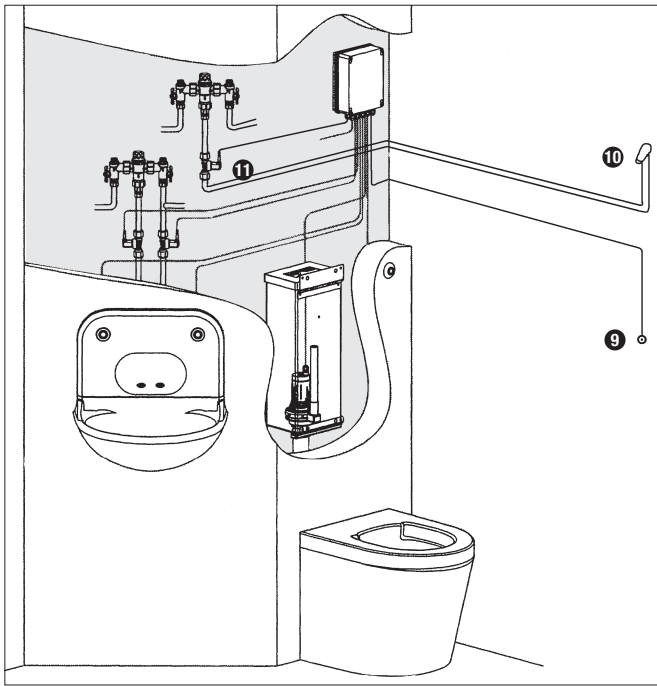
Fig. 1 WC and Basin

Optional extras for Ensuite Control Packages:

a. Panel or Wall? Standard product is designed to fit through a normal thin panel. If fitting through a thick brick wall you will require optional extension threads. If in doubt please confirm total wall thickness so we can price for any relevant extension threads required.

b. Water Pressure/Solenoid Valves. The standard solenoid valves supplied are 15mm size and rated for water pressure 0.5 bar – 6 bar. We do offer optional low pressure solenoid valves, so if required please confirm actual water pressure on site so we can advise/quote for the relevant low pressure solenoid valves.

c. "No-touch Sensor" or optional electronic "Touchpad Switch" operation. Standard kit supplied is anti-ligature no touch sensor. If you prefer anti-ligature touchpad switches please advise.

Fig. 2 WC, Basin and Shower

Order Code:
Ensuite Control Package 2 - High Risk

Package 2 includes everything in Package 1, but also includes:

9.   Shower Sensor for Showerhead
10. Vandal Resistant Showerhead
11. Additional 15mm Solenoid Valve

Optional extras as Package 1 on page 4

If you do not want a complete Ensuite Package – eg you only want to use a high security backplate with your own basin – we can offer individual "No-Touch" sensor (or electronic touchpad) controls suitable for our high security backplates.

Mains Powered Kits

Basin Backplate Controls—Mains powered

TPTS-M/HP/Basin Backplate Sensor kit

TPTS-M/HP/Basin Backplate Touchpad kit

Bath Backplate Controls—Mains powered

TPTS-M/HP/Bath Backplate Sensor kit

TPTS-M/HP/Bath Backplate Touchpad kit

Each kit c/w: 1 × control box with integral 12v PSU, 2 × 15mm HP 12v solenoid valves, 2 × pre-wired sensors or touchpads (1red, 1 blue). **Standard High Pressure (HP)** 12v solenoid valves rated for water pressure 0.5 bar –6 bar. **Optional Low Pressure (LP)** version with solenoid valves rated for 0 bar – 0.5 bar

Battery Powered Kits

Basin Backplate Controls—Battery powered

TPTS-B/HP/Basin Backplate Sensor kit

TPTS-B/HP/Basin Backplate Touchpad kit

Bath Backplate Controls—Battery powered

TPTS-B/HP/Bath Backplate Sensor kit

TPTS-B/HP/Bath Backplate Touchpad kit

**Each kit c/w:** 1 × control box & battery pack, 2 × 15mm HP 6v solenoid valves, 2 × pre-wired sensors or touchpads (1red, 1 blue). **Standard High Pressure (HP)** 6v solenoid valves rated for water pressure 0.75 bar –10 bar. **Optional Low Pressure (LP)** version with solenoid valves rated for 0 bar – 1.5 bar. **Optional Very Low Pressure (VLP)** version with solenoid valves rated for 0 bar – 0.5 bar

TPTS Control Box	Adjustable Valve Open Time
Basin	6 seconds – 20 seconds
Shower	30 seconds – 3 minutes
Bath	1 minute – 10 minutes
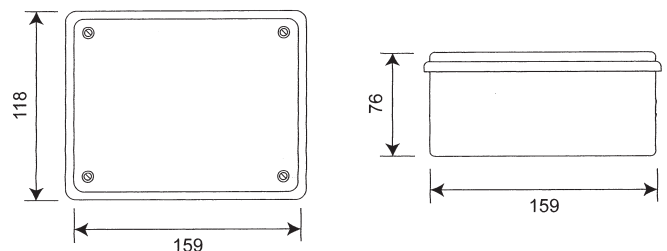
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