

Water Calculation and Installed Sanitary Fittings
03.07.2024

110 Manor Fields
Horsham
RH13 6SG

Planning Reference: DC/23/0338

architects dnp surveyors

Active Prospects
People leading aspiring lives

WATER CALCULATION WITH INSTALLED FITTINGS

Installation Type	Unit of Measure	Capacity/Flow rate (1)	Use Factor (2)	Fixed use (litres/person/day) (3)	Litres/person/day = [(1)x(2)] + (3) (4)
WC (single flush)	Flush Volume (litres)		4.42	0.00	0
WC (dual flush)	Full flush Volume (litres)		1.46	0.00	0
	Part flush Volume (litres)		2.96	0.00	0
WC (multiple fittings)	Average effective flushing Volume (litres)	4.45	4.42	0.00	19.67
Taps (excluding kitchen/utility room taps)	Flow rate (litres/min)	4.87	1.58	1.58	9.27
Bath (where shower also present)	Capacity to overflow(litres)		0.11	0.00	0
Shower (where bath also present)	Flow Rate(litres / minute)		4.37	0.00	0
Bath Only	Capacity to overflow(litres)		0.50	0.00	0
Shower Only	Flow Rate (litres/minute)	6.00	5.60	0.00	33.60
Kitchen/Utility room sink taps	Flow rate (litres/minute)	11.17	0.44	10.36	15.27
Washing Machine	(Litres/kg dry load)	15.00	2.1	0.00	31.50
Dishwasher	(Litres/place setting)	1.25	3.6	0.00	4.5
Waste disposal unit	(Litres/use)	☐ Present	3.08	0.00	0
Water Softener	(Litres/person/day)		1.00	0.00	0
	(5)	Total Calculated use (litres/person/day) =SUM(column 4)			113.81
	(6)	Contribution from greywater (litres/person/day)			0
	(7)	Contribution from rainwater (litres/person/day)			0
	(8)	Normalisation factor			0.91
	(9)	Total internal water consumption = [(5)-(6)-(7)]x(8) (litres/person/day)			103.57
	(10)	External water use			5.0
	(11)	Total water consumption (Building Regulation 17.K) =(9)+(10)(litres/person/day)			108.6

Installation Type	Make/Model (mandatory)	Litres/Person/Day
WC (multiple fittings)	Wallgate CWC-250-AST with dual flush. Contour 21+ with dual flush	19.67
Taps	Wallgate WHB-200-IR with integral taps. Contour 21+ mixer	9.27
Showers Only	Horne T605BLR with 6 litre restrictor	33.60
Kitchen Taps	Lamona Amo TAP2421	15.27
Washing Machines	Zanussi Z716WT83BI	31.50
Dishwasher		4.5

©Water Research Centre Limited 2024

COMPLETION WATER CALCULATION OVERVIEW

- The Pre-Development water use at 110 Manor Fields was an average of 682 litres/day as evidenced by the Southern Water Bill dated 31st August 2022 (Submitted with Planning Application and appended to this document).
- The water usage per person per day based on the Completion Water Calculation on the previous page is 108.6 litres/person/day.
- There will be 4 residents at 110 Manor Fields and their combined water usage will be 434.4 litres/day.
- There will be staff at the property supporting the residents to live independently.
- Staff will not be bathing, taking showers, washing clothes or contributing to the external water use at the property. Based on figures in the Water Calculation for hand washing, WC, kitchen tap and washing up a figure of 43 litres/person/day would be appropriate for staff.
- There will be 4 full-time staff and 2 additional staff for 60% of the time. Total water usage for staff will be (4 x 43 litres) + (2 x 43 litres x 60%) = 172 + 51.6 = 223.6 litres.
- Total Post-Completion Water Usage will be 434.4 litres/day (residents) and 223.6 litres/day (staff) = 658 litres/day.
- This is 24 litres/day less than the Pre-Development average water use.

FLAT 1



WET ROOM FITTINGS

SHOWER - HORNE T605BLR

Integral 6 L/min flow regulator for water and energy conservation.

WC

WALLGATE CWC-250-AST anti-ligature BTW pan with CIST19-ELEC cistern. Infra-red control dual flush 3.5 / 6 litres.

WASHBASIN

WALLGATE WHB-200-IR anti-ligature basin. Dual outlet and infra-red activation. Flow rate of taps 5 litre/min.

KITCHEN FITTINGS

SINK TAP

Lamona Arno TAP2421 Mono Mixer Tap. Flow rate depends on water pressure. 11.17 litres/min @ 1 bar.

WASHING MACHINE

ZANUSSI Washer Dryer Z716WT83BI. Wash Cycle 6.4 litre/kg Dryer Cycle 15 litre/kg

FLAT 1 – WET ROOM



FLAT 1 – WET ROOM



SHOWER - HORNE T605BLR
Integral 6 L/min flow regulator.

WC
WALLGATE anti-ligature BTW pan with CIST19 cistern. Infra-red dual flush 3.5/ 6 litres

WASHBASIN
WALLGATE WHB-200-IR anti-ligature basin. Dual outlet and infra-red activation. Flow rate of taps 5 litre/min.





architects dnp surveyors

Active Prospects
People leading aspiring lives

FLAT 1 - KITCHEN



Lamona Arno Single Lever Tap





Zanussi Washer Dryer

architects dnp surveyors

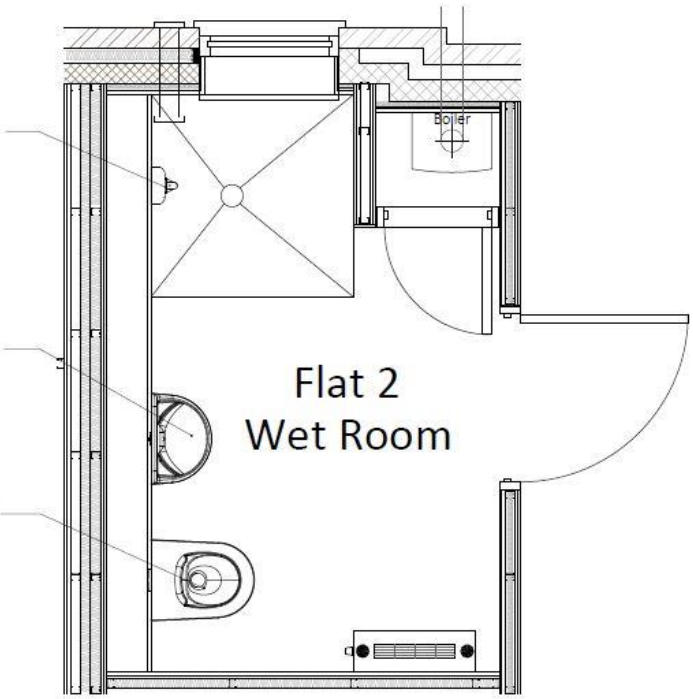
Active Prospects
People leading aspiring lives

FLAT 2

Shower - Horne T605BLR Tower Shower, with detachable hose for assisted washing.

WHB - Wallgate anti-ligature, robust solid surface basinwith dual outlets and infra-red activation. Ref: WHB-200-IR.

WC - Wallgate anti-ligature, highly robust surface back to wall WC pan with integral anti-ligature solid surface seat. Ref. CWC-250-AST with concealed dual-flush cistern and wave-on flush sensor.



WET ROOM FITTINGS

SHOWER - HORNE T605BLR

Integral 6 L/min flow regulator for water and energy conservation.

WC

WALLGATE CWC-250-AST anti-ligature BTW pan with CIST19-ELEC cistern. Infra-red control dual flush 3.5 / 6 litres.

WASHBASIN

WALLGATE WHB-200-IR anti-ligature basin. Dual outlet and infra-red activation. Flow rate of taps 5 litre/min.

KITCHEN FITTINGS

SINK TAP

Lamona Arno TAP2421 Mono Mixer Tap. Flow rate depends on water pressure. 11.17 litres/min @ 1 bar.

WASHING MACHINE

ZANUSSI Washer Dryer Z716WT83BI. Wash Cycle 6.4 litre/kg Dryer Cycle 15 litre/kg

architects dnp surveyors

Active Prospects
People leading aspiring lives

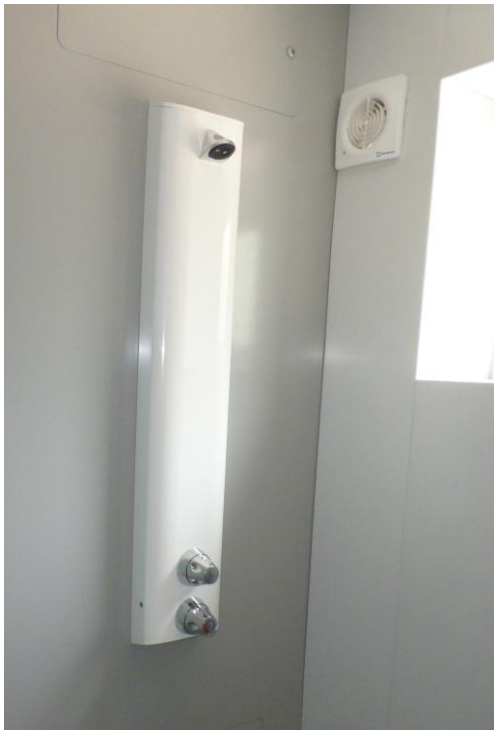
FLAT 2 – WET ROOM



architects dnp surveyors

Active Prospects
People leading aspiring lives

FLAT 2 – WET ROOM



SHOWER - HORNE T605BLR
Integral 6 L/min flow regulator.

WC
WALLGATE anti-ligature BTW pan with CIST19 cistern. Infra-red dual flush 3.5/ 6 litres

WASHBASIN
WALLGATE WHB-200-IR anti-ligature basin. Dual outlet and infra-red activation. Flow rate of taps 5 litre/min.





architects dnp surveyors

Active Prospects
People leading aspiring lives

FLAT 2 - KITCHEN



Lamona Arno Single Lever Tap





Zanussi Washer Dryer

architects dnp surveyors

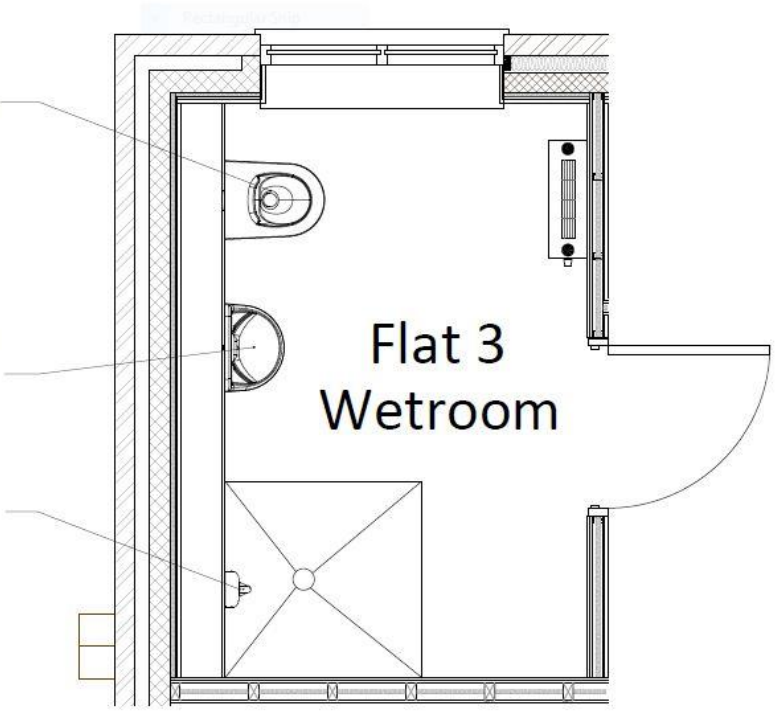
Active Prospects
People leading aspiring lives

FLAT 3

WC - Wallgate anti-ligature, highly robust surface back to wall WC pan with integral anti-ligature solid surface seat. Ref. CWC-250-AST with concealed dual-flush cistern and wave-on flush sensor.

WHB - Wallgate anti-ligature, robust solid surface basinwith dual outlets and infra-red activation. Ref: WHB-200-IR.

Shower - Horne T605BLR Tower Shower, with detachable hose for assisted washing.



WET ROOM FITTINGS

SHOWER - HORNE T605BLR

Integral 6 L/min flow regulator for water and energy conservation.

WC

WALLGATE CWC-250-AST anti-ligature BTW pan with CIST19-ELEC cistern. Infra-red control dual flush 3.5 / 6 litres.

WASHBASIN

WALLGATE WHB-200-IR anti-ligature basin. Dual outlet and infra-red activation. Flow rate of taps 5 litre/min.

KITCHEN FITTINGS

SINK TAP

Lamona Arno TAP2421 Mono Mixer Tap. Flow rate depends on water pressure. 11.17 litres/min @ 1 bar.

WASHING MACHINE

ZANUSSI Washer Dryer Z716WT83BI. Wash Cycle 6.4 litre/kg Dryer Cycle 15 litre/kg

architects dnp surveyors

Active Prospects
People leading aspiring lives

FLAT 3 – WET ROOM



FLAT 3 – WET ROOM



SHOWER - HORNE T605BLR
Integral 6 L/min flow regulator.

WC
WALLGATE anti-ligature BTW pan with CIST19 cistern. Infra-red dual flush 3.5/ 6 litres

WASHBASIN
WALLGATE WHB-200-IR anti-ligature basin. Dual outlet and infra-red activation. Flow rate of taps 5 litre/min.





architects dnp surveyors

Active Prospects
People leading aspiring lives

FLAT 3 - KITCHEN



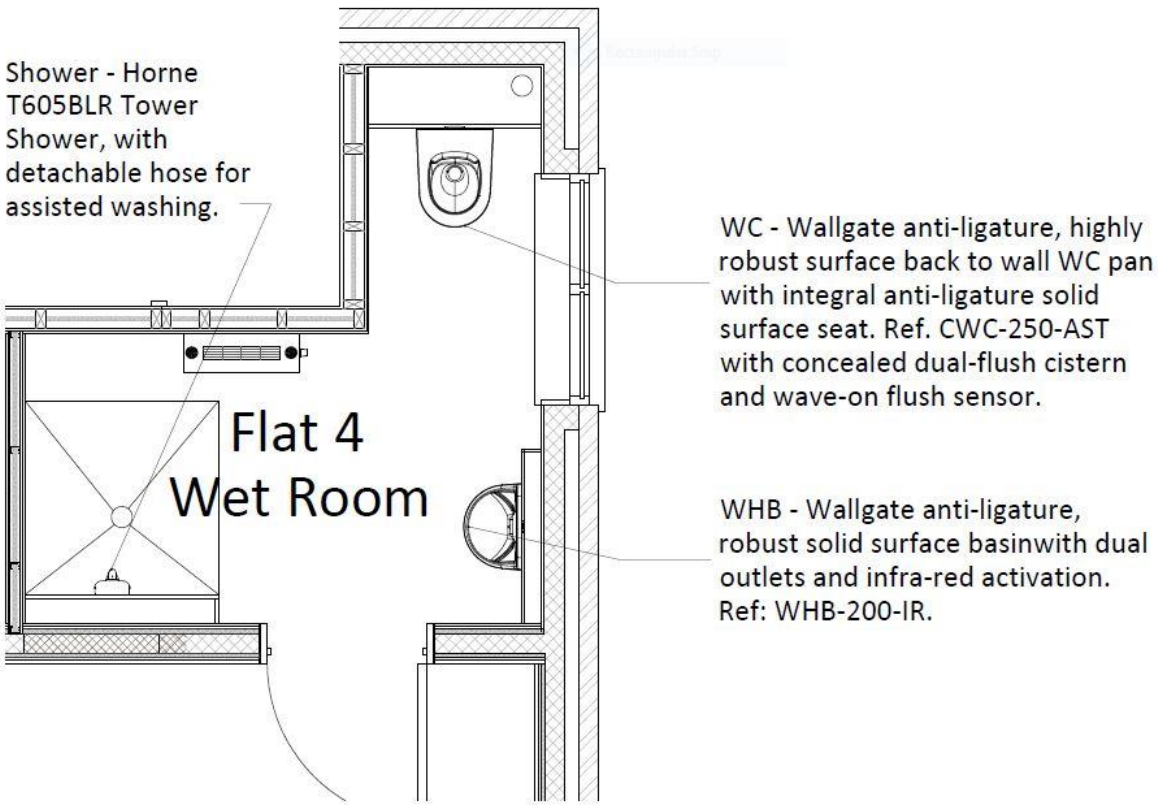
Lamona Arno Single Lever Tap





Zanussi Washer Dryer

FLAT 4



WET ROOM FITTINGS

SHOWER - HORNE T605BLR

Integral 6 L/min flow regulator for water and energy conservation.

WC

WALLGATE CWC-250-AST anti-ligature BTW pan with CIST19-ELEC cistern. Infra-red control dual flush 3.5 / 6 litres.

WASHBASIN

WALLGATE WHB-200-IR anti-ligature basin. Dual outlet and infra-red activation. Flow rate of taps 5 litre/min.

KITCHEN FITTINGS

SINK TAP

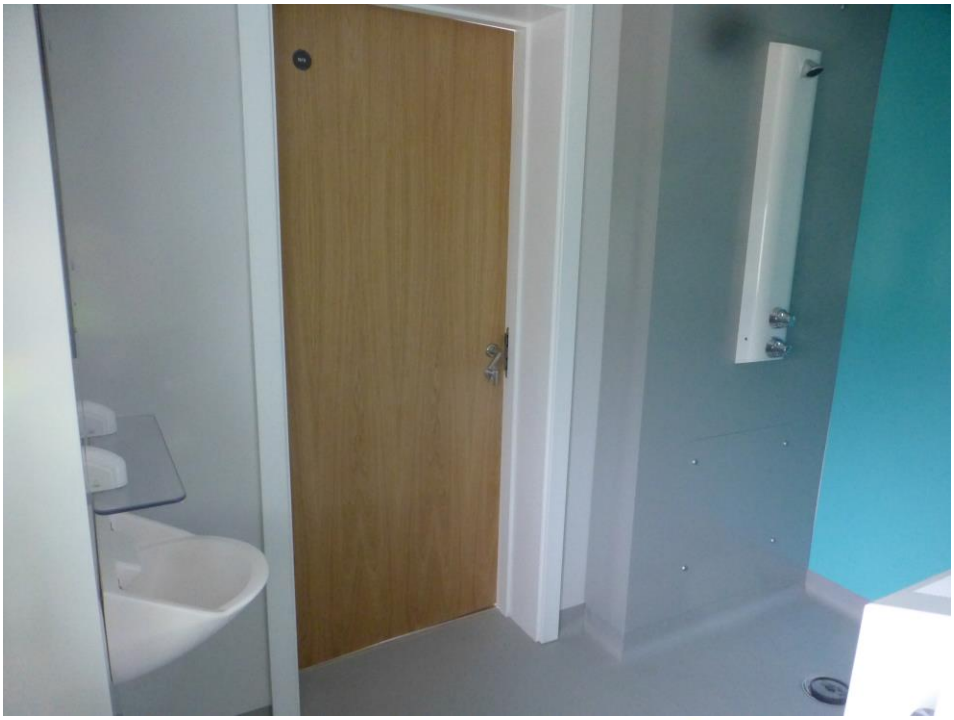
Lamona Arno TAP2421 Mono Mixer Tap. Flow rate depends on water pressure. 11.17 litres/min @ 1 bar.

WASHING MACHINE

ZANUSSI Washer Dryer Z716WT83BI. Wash Cycle 6.4 litre/kg Dryer Cycle 15 litre/kg

FLAT 4 – WET ROOM





architects dnp surveyors

Active Prospects
People leading aspiring lives

FLAT 4 – WET ROOM

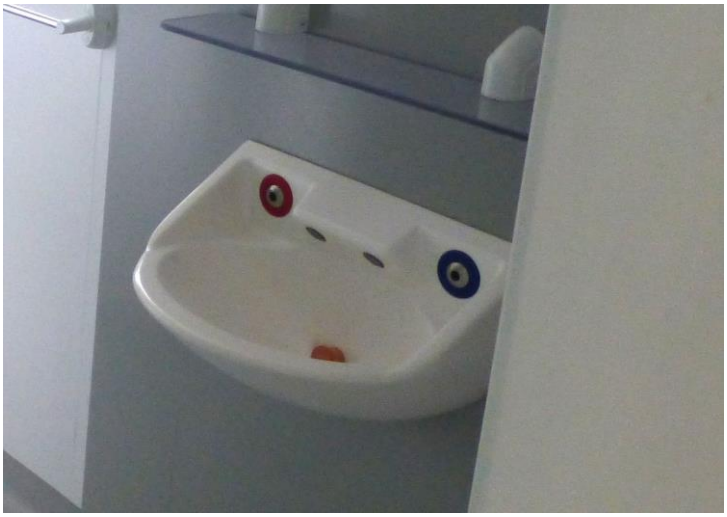


SHOWER - HORNE T605BLR
Integral 6 L/min flow regulator.

WC
WALLGATE anti-ligature BTW pan with CIST19 cistern. Infra-red dual flush 3.5/ 6 litres

WASHBASIN
WALLGATE WHB-200-IR anti-ligature basin. Dual outlet and infra-red activation. Flow rate of taps 5 litre/min.





architects dnp surveyors

Active Prospects
People leading aspiring lives

FLAT 4 - KITCHEN



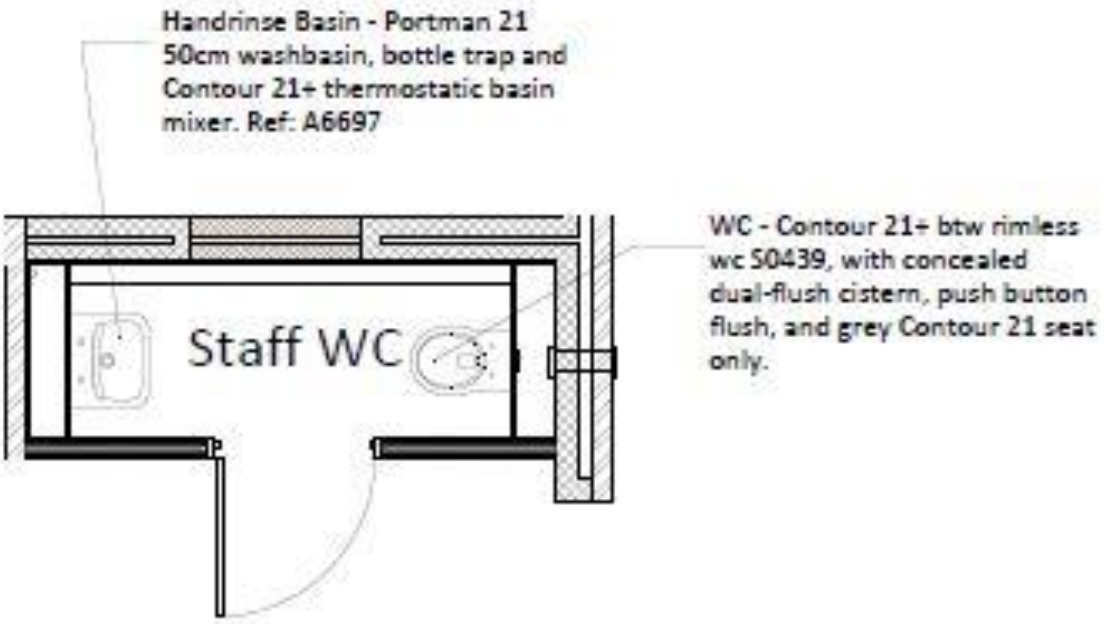
Lamona Arno Single Lever Tap





Zanussi Washer Dryer

STAFF WC & TEA POINT



WC
Contour 21+ btw rimless wc S0439, with concealed cistern, push button flush, and grey Contour 21 seat only. Optima 50 Dual Flush mechanism to provide 4 / 6 litre flush.

WASHBASIN
Portman 21 50cm basin S2308 with resealing bottle trap and Contour 21+ Thermostatic Basin Mixer A6697. Flow rate 3.9 litres/min.

TEAPOINT SINK
Lamona Arno TAP2421 Mono Mixer Tap. Flow rate depends on water pressure. 11.17 litres/min @ 1 bar.

STAFF WC & TEA POINT



WC

Contour 21+ btw rimless wc with concealed cistern, and Optima 50 4 / 6 litre dual flush.

WASHBASIN

Portman 21 50cm basin and Contour 21+ Thermostatic Basin Mixer A6697.
Flow rate 3.8 litres/min.

TEAPOINT SINK

Lamona Arno single lever tap.

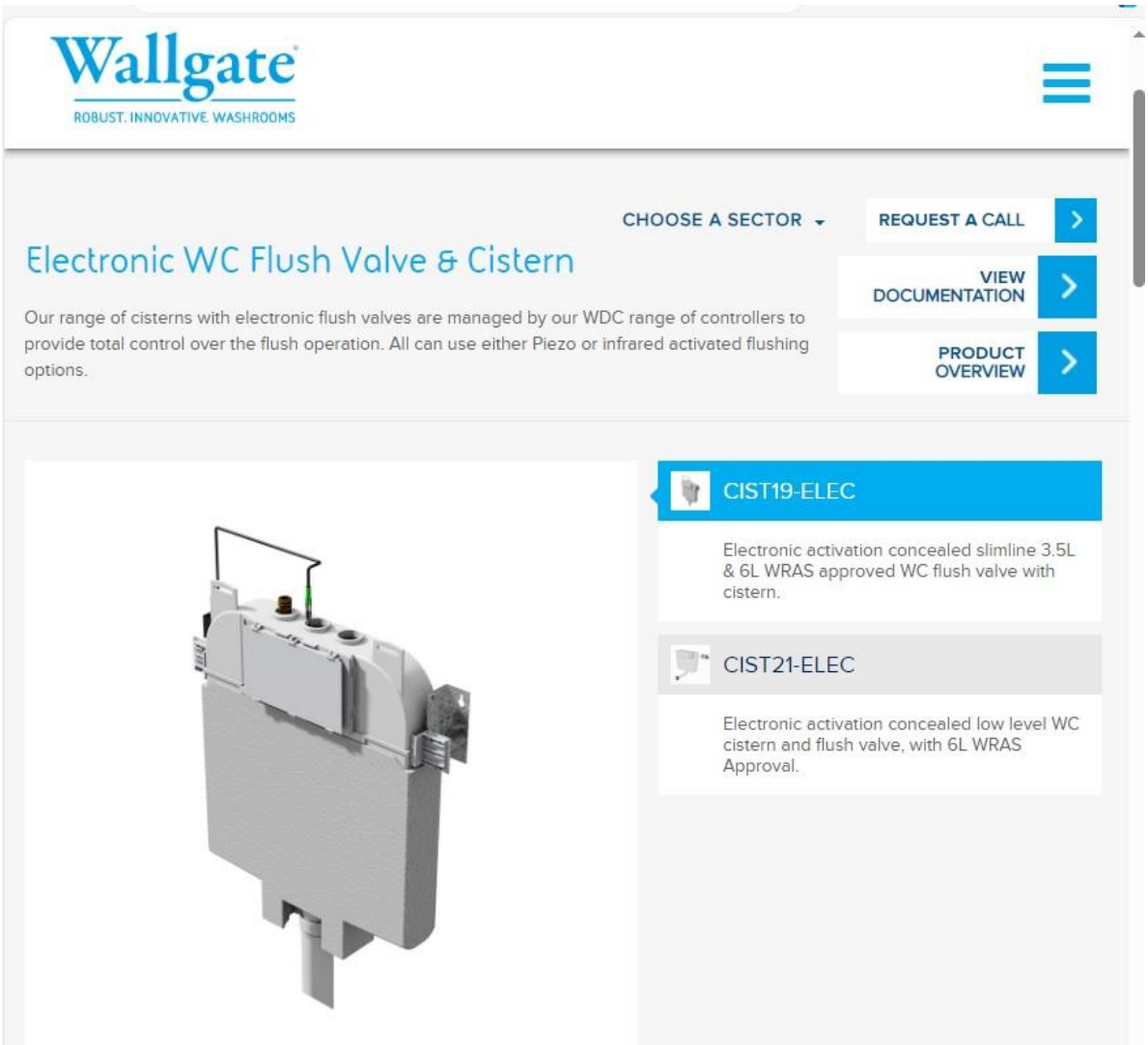




architects dnp surveyors

Active Prospects
People leading aspiring lives

DATA SHEETS



DUAL FLUSH WC CISTERN – FLATS 1, 2, 3 & 4.

WALLGATE CIST19-ELEC 3.5/6 litre flush with infra-red control.

DATA SHEETS

WHB-200 basin range

An anti-ligature, robust yet normalising, solid surface basin, preferred for use in healthcare with concealed services and fixings. The WHB-20 range is compatible with the anti-ligature BRG-01 & BRG-03 rear-fit waste grilles.



WHB-200

Anti-ligature, robust solid surface basin with dual outlets and Piezo activation.

WHB-200-IR

Anti-ligature, robust solid surface basin with dual outlets and infrared activation.

WHB-201

Anti-ligature, robust solid surface basin with a single outlet and Piezo activation.

WHB-201-IR

Product Manual WHB-200 and WHB-200-IR

wallgate.com

5.7 Technical Specifications

Table 1. Technical specifications

Weight	13 Kg
Dimensions	400mm (W) x 260mm (H) x 300mm (D)
Water Supply	Minimum pressure 3 Bar (Static) Maximum rating 10 Bar Flow rate 5LPM Supply pipe size 15mm copper
Waste connection	32mm (1 ¼" pipe)
Optional Control Unit Specifications	
Power supply	230V AC 50/60Hz 2 Amp single phase ***USA / CANADA:*** 120V AC 2Amp, 60Hz for models WDCA100 and WDCA200.
Power rating	Maximum power rating 60 W
Weight	1.0 Kg
Dimensions	200mm (W) x 150mm (H) x 80mm (D)
Enclosure IP Rating	IP53
Regulatory compliance	Complies with RoHS, LVD 2014/35/EU and EMC 2014/30/EU directives.

FLATS 1, 2, 3 & 4 - WALLGATE WHB-200-IR BASIN - 5 litre/min flow rate.

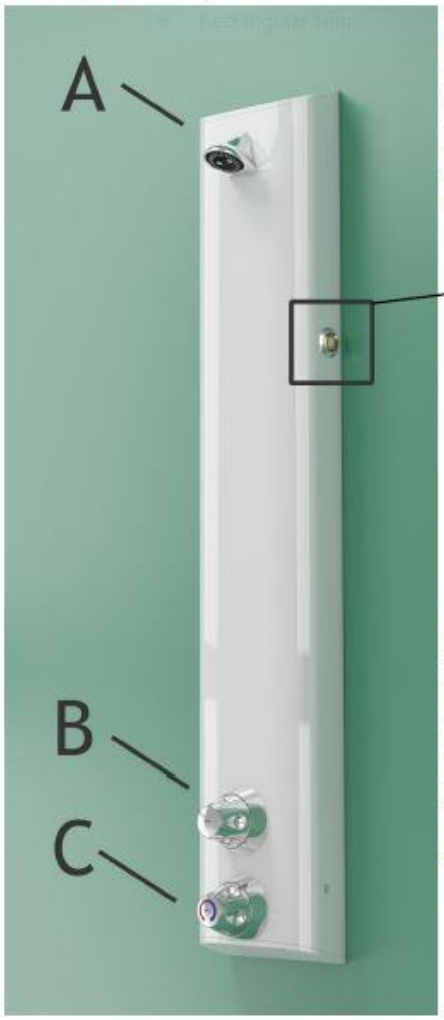
DATA SHEETS

HORNE

Product datasheet:
T605BLR

DUAL MODE LIGATURE RESISTANT SHOWER PANEL with auto-divert

A ligature resistant, Type 3 Approved thermostatically controlled dual mode shower specially designed for unsupervised and assisted showering in high security hospitals, care homes and prisons. **Water supplies via flexible Soft-PEX braided hose through rear of panel.**



Unsupervised mode: The user is able-bodied and does not require supervision during showering. The ligature and vandal resistant outlet (A) is active in this mode. Operation of the shower is by normal means using the ligature resistant flow control (B) to turn on the shower and temperature control (C) to adjust the temperature.



Assisted mode: For able and non able-bodied users who require assistance or supervision during showering. In this mode the carer/supervisor attaches the handset and hose (D) by screwing the hose connector into the ligature and vandal resistant outlet fitting (E) on the side of the panel. Water is automatically diverted to the handset on opening the shower flow control (B). The water temperature (C) is adjusted in the usual way.

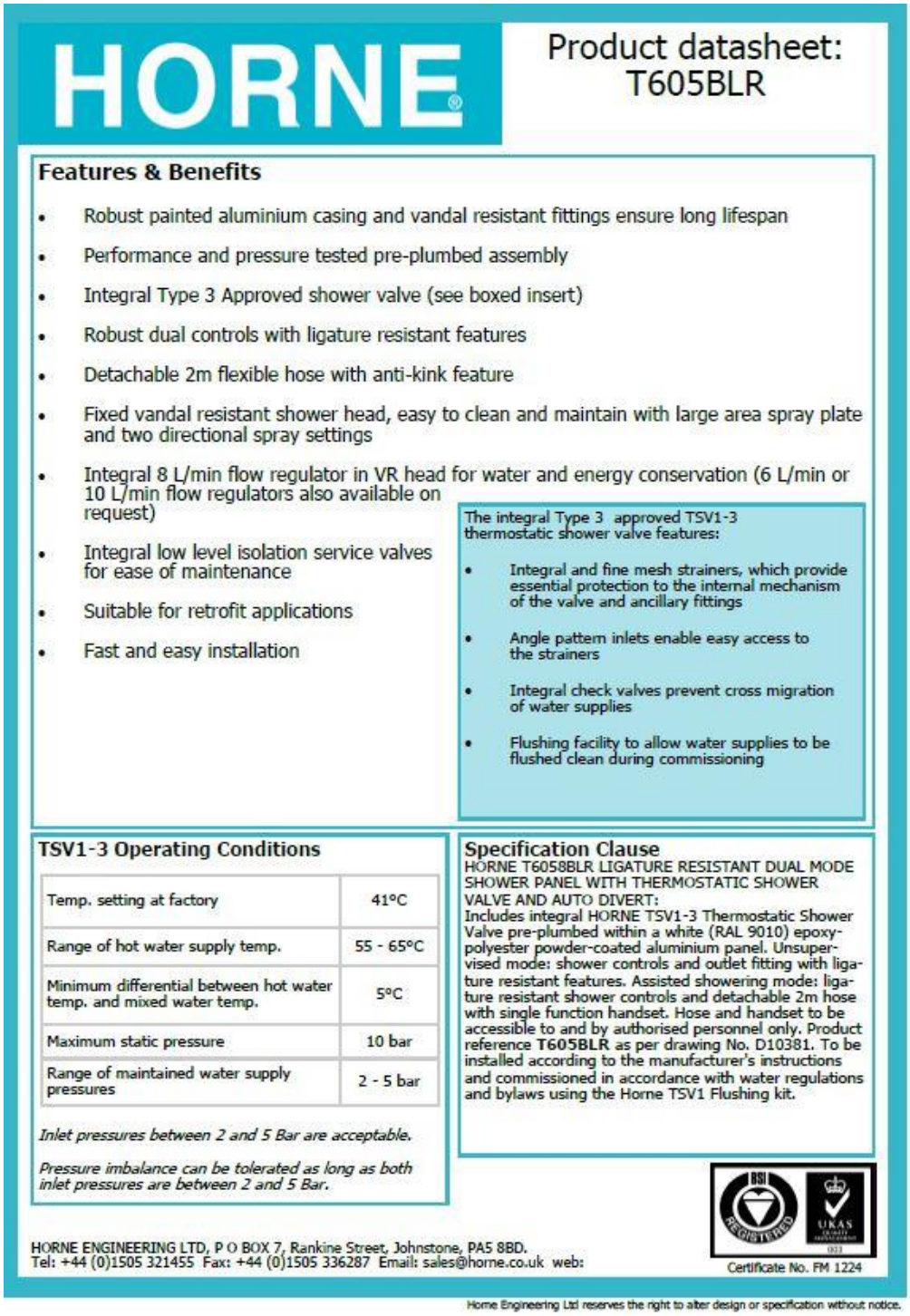
The TSV1-3 is a UK Water Regulation 4 and Type 3 Approved thermostatic mixing valve

FLATS 1, 2, 3 & 4 – HORNE T605BLR SHOWER . Flow rate 6 litre/min.

architects dnp surveyors

Active Prospects
People leading aspiring lives

DATA SHEETS



HORNE

Product datasheet:
T605BLR

Features & Benefits

- Robust painted aluminium casing and vandal resistant fittings ensure long lifespan
- Performance and pressure tested pre-plumbed assembly
- Integral Type 3 Approved shower valve (see boxed insert)
- Robust dual controls with ligature resistant features
- Detachable 2m flexible hose with anti-kink feature
- Fixed vandal resistant shower head, easy to clean and maintain with large area spray plate and two directional spray settings
- Integral 8 L/min flow regulator in VR head for water and energy conservation (6 L/min or 10 L/min flow regulators also available on request)
- Integral low level isolation service valves for ease of maintenance
- Suitable for retrofit applications
- Fast and easy installation

The integral Type 3 approved TSV1-3 thermostatic shower valve features:

- Integral and fine mesh strainers, which provide essential protection to the internal mechanism of the valve and ancillary fittings
- Angle pattern inlets enable easy access to the strainers
- Integral check valves prevent cross migration of water supplies
- Flushing facility to allow water supplies to be flushed clean during commissioning

TSV1-3 Operating Conditions

Temp. setting at factory	41°C
Range of hot water supply temp.	55 - 65°C
Minimum differential between hot water temp. and mixed water temp.	5°C
Maximum static pressure	10 bar
Range of maintained water supply pressures	2 - 5 bar

Inlet pressures between 2 and 5 Bar are acceptable.

Pressure imbalance can be tolerated as long as both inlet pressures are between 2 and 5 Bar.

Specification Clause

HORNE T6058BLR LIGATURE RESISTANT DUAL MODE SHOWER PANEL WITH THERMOSTATIC SHOWER VALVE AND AUTO DIVERT:
Includes integral HORNE TSV1-3 Thermostatic Shower Valve pre-plumbed within a white (RAL 9010) epoxy-polyester powder-coated aluminium panel. Unsupervised mode: shower controls and outlet fitting with ligature resistant features. Assisted showering mode: ligature resistant shower controls and detachable 2m hose with single function handset. Hose and handset to be accessible to and by authorised personnel only. Product reference **T605BLR** as per drawing No. D10381. To be installed according to the manufacturer's instructions and commissioned in accordance with water regulations and bylaws using the Horne TSV1 Flushing kit.

HORNE ENGINEERING LTD, P O BOX 7, Rankine Street, Johnstone, PA5 8BD.
Tel: +44 (0)1505 321455 Fax: +44 (0)1505 336287 Email: sales@horne.co.uk web:

Certificate No. FM 1224

Horne Engineering Ltd reserves the right to alter design or specification without notice.

FLATS 1, 2, 3 & 4 – HORNE T605BLR SHOWER . Flow rate 6 litre/min.

DATA SHEETS

Lamona Arno single lever tap



Technical Information	
Conventional gravity	yes
Pumped system	yes
Combi boiler system	yes
Tap aerator	Flow straightener
Tap valve	Single lever ceramic cartridge
Water connection	Flexi tails
Tail pipe type	Flexi
Tail pipe inlet OD	15mm
Tail pipe outlet OD	M12
Tail pipe length	320 mm
Tap hole diameter	35 mm
Maximum Sink and Worktop Thickness	40 mm
Tap footprint	48 mm
Accreditation	Water Supply (Water Fittings) Regulations 1999
Guarantee	1 year guarantee
Min water pressure (bar)	0.3 bar
Max water pressure (bar)	5.5 bar
Maximum hot water temperature	70°C

Water flow rates	0.1 bar	1.0 bar	3.0 bar
Hot water l/min	1.64	9.15	16.51
Cold water l/min	1.64	9.22	16.61
Mixing water l/min	2.14	11.17	19.83

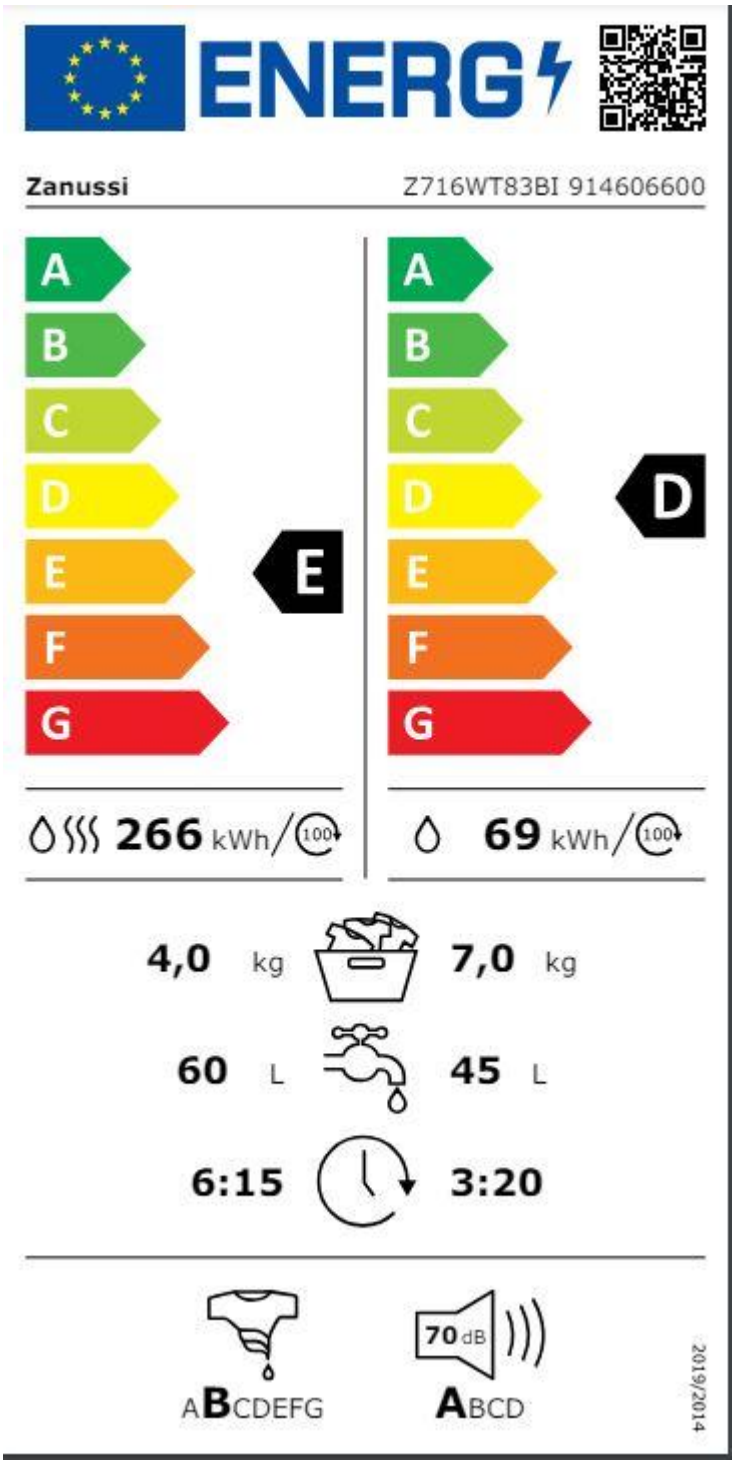
HOWDENS

FLATS 1, 2, 3, 4 and STAFF TEAPOINT – KITCHEN TAP
LAMONA ARNO – Flow rate - 11.17 litres/min @1 bar.

architects dnp surveyors

Active Prospects
People leading aspiring lives

DATA SHEETS



FLATS 1, 2, 3 & 4 - WASHER DRYER

ZANUSSI –Z716WT83BI

6.4 litres/dry kg wash cycle
15 litres/dry kg dry cycle

architects dnp surveyors

Active Prospects
People leading aspiring lives

DATA SHEETS

PRODUCT DATA SHEET

Date created: 02/02/2024

Contour 21+ 1 Hole Thermostatic Basin Mixer with Copper Tails

ILLUSTRATED

A6697 Contour 21+ 1 hole thermostatic basin mixer, single sequential lever with copper tails

OPTIONS

EW144 M10 Stainless steel inlet tails - pair
EW145 M10 Stainless steel inlet tails - 5 pairs

ILLUSTRATED PRODUCT DETAILS

Weights
A6697 2.10 KG

Materials
A6697 Chrome Plated Brass

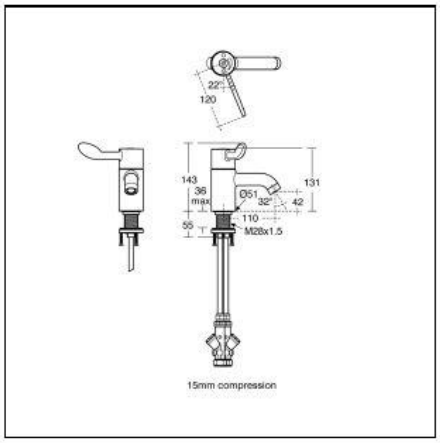
Finishes
A6697 Chrome (AA)

Flow rates
A6697 3.9 Litres per minute @ 3 bar pressure

Special Notes

Single sequential lever for on/off operation and temperature control. Supplied with service valves which include isolators, strainers, check valves, flow regulators and 15mm compression connections. Temperature factory set to 40±1°C.
Product will work on low pressure providing the flow regulatoris removed and replaced using a flow guide (A960191NU). Factory fitted 3.8 litre per minute flow regulator in an anti-vandal housing. 1.9 litre per minute eco spray outlet also supplied. Both require 1 bar minimum pressure. Clamping ring with three fixing screws for a secure fix to the basin which will not come loose if installed correctly.





STAFF WC

WASH BASIN – CONTOUR 21+ THERMOSTATIC MIXER – FLOW RATE 3.8 litre/min

architects dnp surveyors

Active Prospects
People leading aspiring lives

DATA SHEETS

> Dual flush with cable
OPTIMA 50





10l WRAS NF

DESCRIPTION

- Can be installed into plastic or ceramic cisterns
- Push button: dual flush
- Actuation effort below 20N
- For lid holes ranging from 16 to 50mm, with or without collar depending on diameter
- Cable operated: allows an actuation at distance, lateral or head-on position
- Over flow can be cut in increments of 4mm
- Adjustable small flush from 2l to 4.5l
- Adjustable dead water level
- High flush rate of 3.5l/s
- Foam pan seal supplied for compensating pan irregularity





Optima 50 flush valve available in a pack with the 998 inlet valve

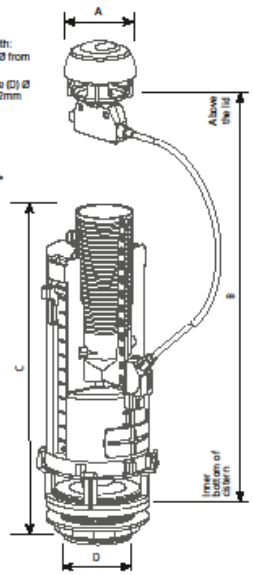


Optima 50 flush valve available in a pack with the 99T BP inlet valve

Compatible with:
- Lid hole (A), Ø from 16 to 50mm
- Drainage hole (D) Ø from 58 to 72mm

Adjustable height (B)
- With collar: from 272 to 480mm (Lid hole (A) Ø 18 to 37mm and > than 44mm)
- Without: from 287 to 480mm (Lid hole A, Ø 38 to 44mm)

Adjustable overflow height: from 149 to 245mm (C)



TEXT FOR TENDERS:

OPTIMA 50 NF WRAS

Dual flush valve NF and WRAS certified, compact, water saving and cable operated. It allows an actuation at distance, lateral or head-on. Adjustable button with optional collar. Adjustable height from 272 and 482 mm, lid hole from 16 to 50, discharge hole from 58 to 72 mm. Adjustable : small flush, over flow, dead water level.

	Ref.	Barcode	Packing	Packing			Pallet quantity
				Nb	M²	Kg	
OPTIMA 50 Cable L495mm	32 5002 10	3 24723 007130 2	Box	14	0.08	7.6	210
OPTIMA 50/998 1/2" plastic component pack	37 9980 07	3 24723 002373 8	Bag	16	0.08	13.2	240
OPTIMA 50/99T BP 1/2" brass deluxe component pack	37 9981 10	3 24723 007128 9	Box	9	0.08	8.75	135
Optima 50 Raised Button	34 5051 07	3 24723 004274 6	Bag	250	0.07	12.5	-

SIAMP

STAFF WC - CONTOUR 21+ BTW RIMLESS WC - S0439
CONCEALED CISTERN WITH 4 / 6 litre OPTIMA 50 DUAL FLUSH MECHANISM.

architects anp surveyors

Active Prospects
People leading aspiring lives

PRE-DEVELOPMENT WATER BILL

WATER for LIFE from Southern Water

MR H PAYNE & MRS C PAYNE
ACACIA HOUSE HARWOOD ROAD
MANOR FIELDS
ROFFEY
HORSHAM
RH13 6SG

We're making things right
We didn't manage and report compliance correctly at our wastewater treatment works between 2010–17. This means we need to make things right for our customers and the environment. As agreed with Ofwat, we've reduced our wastewater charges by £123m until 2025 (bills will still rise with inflation and depend on your water use).
We're also investing in fixing pipes, pumping stations, wastewater plants and sewers to protect the environment.
Find out more at: southernwater.co.uk/making-amends

Visit our website for live chat or to log into your account
southernwater.co.uk/help

0330 303 0277
Weekdays - 8am to 7pm
Saturday - 8.30am to 2pm

Your customer number
11924652

Your payment reference
0004 0378 2338 1

Dear Mr H PAYNE & Mrs C PAYNE,

Here's your latest bill based on the meter reading we estimated on 31 August 2022. You currently pay by Direct Debit, so you don't need to do anything – your payments will be taken automatically.

Meter reading

Water used in cubic metres
225 m³
One cubic metre = 1,000 litres. This is equivalent to 41 baths, 311 mins showers or 166 toilet flushes.

Meter number: 5M091456

Latest reading: 31 Aug 2022
3 5 5 3 . 6 0

Previous reading: 5 Oct 2021
3 3 2 8 . 6 0

Your next meter reading is scheduled to take place by 28 Mar 2023.

Previous bill's usage
185.00 m³

Charges

£827.67

Bill date
06 Oct 2022

Billing period
From: 06 October 2021
To: 31 August 2022

Bill type
Metered - Direct Debit

Previous bill's charges
£614.11

Future payments

Next monthly payment
£60.00
17 Oct 2022

For full list of future payments, see Your payment summary.

Struggling to pay? See p. 3

Previous bill's payments
£60.00 monthly

Water

Period: 06 October 2021 to 31 March 2022			
Variable Rate	£1.487 x	135.80m³ =	£201.93
Standing Charge		=	£10.43
Period: 01 April 2022 to 31 August 2022			
Variable Rate	£1.550 x	89.20m³ =	£138.26
Standing Charge		=	£7.88
Total Water			**£358.50**

Wastewater

Period: 06 October 2021 to 31 March 2022			
Variable Rate	£2.045 x	125.62m³ =	£256.89
Standing Charge		=	£27.26
Period: 01 April 2022 to 31 August 2022			
Variable Rate	£1.976 x	82.51m³ =	£163.04
Standing Charge		=	£21.98
Total Wastewater			**£469.17**

Standing Charge:
This covers essential service costs such as sending bills, collecting payments and dealing with enquiries.

Wastewater charges:
Wastewater is charged at 92.5% of the volume of water supplied. These costs are higher as treatment and disposal of wastewater costs more than supplying fresh water.

dnp architects surveyors

Active Prospects
People leading aspiring lives

PRE-DEVELOPMENT WATER BILL

Your account summary

Balance brought forward from your last bill	£93.18
What you've paid since your last bill	£480.00 Credit
What you've been charged for From 06 October 2021 to 31 August 2022	£827.67
Outstanding Balance	**£440.85**

Your payments summary

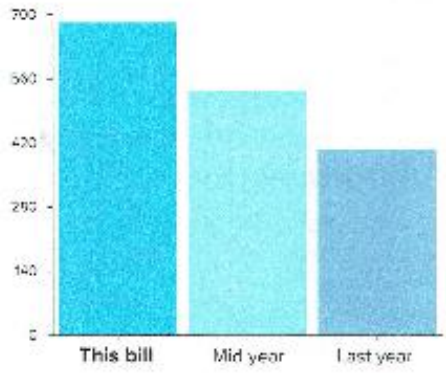
Past monthly payments	
15 Feb 2022	£60.00
15 Mar 2022	£60.00
19 Apr 2022	£60.00
16 May 2022	£60.00
15 Jun 2022	£60.00
15 Jul 2022	£60.00
15 Aug 2022	£60.00
15 Sep 2022	£60.00
Total	**£480.00**

Future monthly payments	
17 Oct 2022	£60.00
15 Nov 2022	£81.00
15 Dec 2022	£81.00
16 Jan 2023	£81.00
15 Feb 2023	£81.00
15 Mar 2023	£81.00
17 Apr 2023	£81.00
15 May 2023	£81.00
15 Jun 2023	£81.00
17 Jul 2023	£81.00
15 Aug 2023	£81.00
15 Sep 2023	£81.00
Total	**£951.00**

Your water use

Over the last ten months your household used an average of 682 litres a day

You're using £2.52 of water a day on average.



We noticed your water use has increased by 148 litres of water a day on average.

If you use less water, you'll save money on your bill. Find out how you could reduce your usage here:

southernwater.co.uk/save-water

Your water meter is read twice a year. We can read most meters from the street – so you may not have noticed when we read yours.



architects dnp surveyors

Active Prospects
People leading aspiring lives