

# SUNDALE DAIRY SANITARY SCHEDULE 2020.03.12

Schedule may be adjusted to suit Tenderers design, alternatives should be equal and subject to approval by ELIDZ.

Trade names are used in reference to a quality basis, any alternative may only be used should parity or better be proven by the contractor

Sanitary schedule is aimed to assist tenderers in specifying fittings, but not limited to the list below. All to suit tenderers design and subject to approval by ELIDZ

Note all works, materials and finishes to comply with National Building Regulations, SABS, SANS, PW371-A + B, ASAQs Model Preambles to All Trades

## SANITARY FITTINGS

### S1 WHB in Change Rooms

Vaal vitreous china 510 x 405mm "HIBISCUS" basin with two taphole configuration (code 702303) integrated overflow and chain stay hole. Colour : White.

Basin installed by bolting to wall using No. 2 x 10mm dia bolts (code VAA-8448Z0), top of basin rim to be 820mm above finished floor level.

Install in positions as indicated complete with new outlets to suit. The unit to be fixed to fully tiled wall with anchor bolts to manufacturer details and sealed along wall tiles with approved white silicone sealant.

2 x Cobra Watertech 111-15 pillar taps with star handles. Each tap to be linked with reinforced flexible hose to angle regulating valve Cobra Watertech COB-832-10 fixed to wall beneath basin, including flexible connector COB-C-15/350

1x Cobra Watertech 345-40 1¼" x 1¼" chrome plated bottle trap with 75mm deep seal, inlet screwed female for 40mm PVC waste.

Fix 600x 450mm mirror of 6mm thick, silvered float glass, copper backed, with polished edges, 4 x drilled for fixing with cp dome capped mirror screws above whb.

### S2 WC in Change Rooms

Vaal vitreous china "Afsan" low level 90° outlet, washdown pan, code VAA-750600WH. Colour: White, including white DPE B2 heavy duty toilet seat and lid.

Cobra Watertech Junior Flushmaster exposed chrome plated flush valve, including back entry, flush pipe, rubber pan connector, wall flange, rubber seat buffer, integral vacuum breaker and non-hold open feature, all according to SANS 1240 code COB-FJ 2-100

Kimberly-Clark Professional Toilet Tissue Dispenser - Midi Jumbo Non-Stop colour White (Code: 6991000), overall size 446 x 382 x 129mm high, installed by a Kimberly Clark® installation team.

### S3 URINAL in Change Rooms

Vaal Sanitaryware 385 x 380 x 600mm Lavatera white vitreous china wall mounted back inlet urinal (code: VAA-705427WH) including 38mm chromium plated domical grating (code: 8787Z0) and chromium plated back inlet spreader (code: 7054Z2), automatic electronic flush valve, fixed on and including two hanger brackets (code: 8127Z0). Colour: White.

Cobra Watertech Cobratron EL-3005 electronic chrome urinal flushvalve. Concealed touch free, electronic control valve 1/2 “ BSP FI Including undertile installation kit (flushvalve assembly) with stainless steel face plate.

Cobra Watertech 345/40 1¼" x 1¼" chrome plated Urinal bottle trap with 75mm deep seal inlet screwed female for 40mm PVC waste.

**S4 1200mm Sink in Kitchen**

Franke Quinline QLX621-120 1200 x 500mm double bowl inset sink (bowl size 410 x 343 x 167mm) built into worktop supplied by others. Tiling as per room data sheets and finish schedule. Sink is to be fully bedded in water based white sealant neatly cleaned and ensuring a waterproof joint.

Cobra Watertech Carina chrome plated one-hole sink mixer with aerated swivel outlet. Includes ½” BSP female inlets, mounting kit, 2 x ½” female iron 400mm long flexible inlets. SANS 226 Type 2, DZR brass. COB-296CA. Including COB-832-10 angle valves, waste and plug.

**S5 Slop Hopper**

Franke 1,2mm Grade 304 18/10 stainless steel model CH slop hopper, 100mm high integral splashback, with integral flushing rim fitted with a 38 x 250mm long vertical flush pipe inlet.

Cobra Watertech 'Junior' Flushmaster COB-FJ2.000 20mmØ water supply flush valve.  
40 x 40 x 10mm Thick hinged bucket grid fitted over funnel.  
Standard 110mm PVC P-trap to waste.

Fixed to wall with 40mm square tube gallows brackets bolted with M6 stainless steel expanding bolts. Waste fittings to be supplied as part of unit.

**S6 Shower in Change Rooms**

Form tiled non-slip finish to recess in floor.  
Trap to have removable grid.

Cobra Watertech shower P-trap COB-373 rough brass, including shallow seal, chrome plated grating and 1½” female outlet.

Cobra Watertech vandal proof chrome plated single function fixed shower head COB-KP2-6 – including ½” BSP male inlet, 10l/min maximum flow restrictor, self cleaning spray nozzle.

Cobra Watertech chrome plated Strata under wall thermostatic mixer COB-SA-862MED

Serra® soap dish, constructed from dura high quality Stainless Steel (BA finish).

**S7 Heavy Duty Floor Drain in Cheese factory**

Modulare: (Str. 1 + 2)  
40, 400/401 (unverändert), 400/401 – Seite 22 – siehe unten  
+ Zubehör wie unten mit ORANGE gekennzeichnet (Seite 23 + 24) – siehe unten  
Modulare die größer 500 mm mit 300/300 mm Größe ausgestattet werden (Type ASD 210)

		300/300 mm 150/100 mm	Nei	ASD 304	409001
			Esti	ASD 316L	409006
				ASD 304	409007
				ASD 316L	409007
Type ASD 210, modulare					
Modulare	Modulare	Modulare	Modulare	Modulare	Modulare
		Modulare ASD 210 1	Modulare ASD 210 1	ASD 304	409002
		Modulare ASD 210 2	Modulare ASD 210 2	ASD 304	409003
		Modulare ASD 210 3	Modulare ASD 210 3	ASD 316L	409003
		Modulare ASD 210 4	Modulare ASD 210 4	ASD 304	409004
		Modulare ASD 210 5	Modulare ASD 210 5	ASD 316L	409004
		Modulare ASD 210 6	Modulare ASD 210 6	ASD 304	409005
		Modulare ASD 210 7	Modulare ASD 210 7	ASD 316L	409005
		Modulare ASD 210 8	Modulare ASD 210 8	ASD 304	409006
		Modulare ASD 210 9	Modulare ASD 210 9	ASD 316L	409006

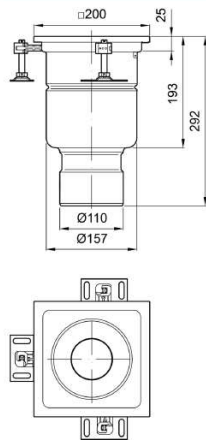
Modulare ASD 210, modulare

		250/250 mm 100/100 mm	Nei	ASD 304	409008
			Esti	ASD 316L	409008
				ASD 304	409009
				ASD 316L	409009
Type ASD 157, modulare					
Modulare	Modulare	Modulare	Modulare	Modulare	Modulare
		Modulare ASD 157 1	Modulare ASD 157 1	ASD 304	409010
		Modulare ASD 157 2	Modulare ASD 157 2	ASD 304	409011
		Modulare ASD 157 3	Modulare ASD 157 3	ASD 316L	409011
		Modulare ASD 157 4	Modulare ASD 157 4	ASD 304	409012
		Modulare ASD 157 5	Modulare ASD 157 5	ASD 316L	409012
		Modulare ASD 157 6	Modulare ASD 157 6	ASD 304	409013
		Modulare ASD 157 7	Modulare ASD 157 7	ASD 316L	409013
		Modulare ASD 157 8	Modulare ASD 157 8	ASD 304	409014
		Modulare ASD 157 9	Modulare ASD 157 9	ASD 316L	409014

Drains requested by Tenant (above).

## Square top

### Product information for the product group



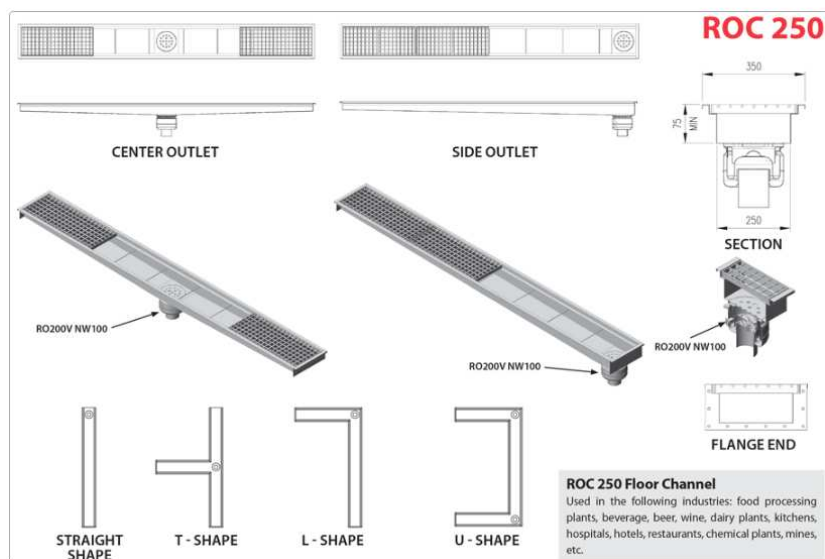
#### ACO Product benefits

- Fully inspectable and cleanable
- Fully removable and easily cleanable stainless steel foul air trap (FAT)
- Full drainability
- Internal radii equal or larger than 3 mm
- Fully welded hygienic joints
- Steel thickness min. 1,5 mm
- Edge infill
- ACO protective cover available
- Fully pickled and passivated

Possible hygienic alternative subject to Tenant approval. (Stainless Steel grade 316)  
Contact ACO Antonio Ravell 083 273 6299. [ARavell@aco.co.za](mailto:ARavell@aco.co.za)

### S9 Floor Channel in Cold Room

ROC 250 Floor Channel with RO200V NW100 (or similar approved)



### S10 150l Geyser in drivers

Kwikot 150 Litre Slimline 600 Dual electric water heater (Code: ESG-150) complying with SABS 151-2002, overall size 1360 x 480mm high, operating at 600kPa with temperature and pressure safety relief valve including 20mm female draincock with inlet compression. Geyser to be wall mounted using supplied wall mounting brackets (Code : BKT) with 620 x 560mm wide polyethylene drip tray with union and back nut connected to 20mm PVC overflow pipe taken to soil pipe stack (Code: GSTP-760) and 22mm pipe work including two 22mm vacuum breakers (Code: KHN4.200CX) installed on hot and cold water supply. Installation to include a 22mm 600kPa Kwikot Multi control and expansion relief valve (Code: KHN3-216), all in accordance with SANS 10254, connected to single phase electrical power supply with isolator 1m away from connection on geyser.

**S11 250l Geyser**

Kwikot 250 Litre Standard 600i Dual electric water heater (Code: EF250-RD-I) complying with SABS 151-2002, overall size 1650 x 535mm high fitted with isolator switch, operating at 600kPa with temperature and pressure safety relief valve including 20mm female draincock with inlet compression. Geyser to be installed horizontally in roof space with 1820 x 560mm wide polyethylene drip tray with union and back nut connected to 20mm PVC overflow pipe taken out at eaves (Code: GSTP-1950) and 22mm pipe work including two 22mm vacuum breakers (Code: KHN4.200CX) installed on hot and cold water supply. Installation to include a 22mm 600kPa Kwikot Multi control and expansion relief valve (Code: KHN3-216), all in accordance with SANS 10254, connected to single phase electrical power supply.

**S12 SOLAR Water Heater**

200 litre Approved 20 tube solar geyser complete with standard hot dip galvanised stand for fixing to roof sheeting, and all isolator valves, couplings, pressure valves and vacuum release valves to ensure full compliance and operation to manufacturers detailed installation guides. Hot water to be fed by 25mm copper piping and with 20mm inline pumped circulating ring main to showers and basins to ensure always-ready hot water in fully insulated piping. Piping to be supported on main roof structure or on walls, not on ceiling hangers. Include for all electrical fittings and installation.

Hot water to be set at max 45°C and all hot water piping to be 15mm copper pipe fully insulated along all exposed lengths and all chased piping to be wrapped in heavy duty brown paper. Installation to be installed by qualified plumber and to be complete with full 1 year guarantee from supplier, ensuring all installed in strict compliance with suppliers detailed installation instructions.

## MISCELLANEOUS FITTINGS

**S13 Waste Bin**

Kimberly-Clark® Professional Disposer Plus wall mounted waste bin (code: SA426135), installed by a Kimberly Clark® installation team.

**S14 Paper Towel Dispenser**

Kimberly-Clark® Professional Roll Control hand towel dispenser (code: SA093370), installed by a Kimberly Clark® installation team.

**S15 Soap Dispenser**

Franke Stratos STRX 618 Grade 304 1,2/1,5mm thick 18/10 satin stainless steel soap dispensers (product code: 359705), with a replaceable and refillable 1 litre container, cylinder lock with standard Franke key, plugged and screwed to the wall with stainless steel screws.