



SEDIBENG TVET COLLEGE
"GROW WITH THE FLOW"

SPECIFICATION DOCUMENT FOR THE MAINTENANCE OF VARIOUS ABLUTIONS AT SEDIBENG VARIOUS CAMPUSES

Prepared By: SRSQS QUANTITY SURVEYORS (PTY) LTD

Represented By: Ms. Omphile Msindo

Approved by: Mr. Marito Mabunda

For:

SEDIBENG TVET COLLEGES

28 April 2022



Pretoria Branch
Southdowns Office Park
Block D – Suite 13
Centurion Irene 0123
Tel: 012 665 2632
Fax: 012 665 0822

Polokwane Branch
Unit 6 SRSQS Offices
9 Marshall Street
Polokwane, 0699
Tel: 015 291 1005
Fax: 015 295 7636

Kimberly Branch
124 George Street
Kimberley
8300
Tel: 051 010 0077
Fax: 086 560 4404

Company Reg: 2012/139758/07

Directors: Sandro Shikwambana; Marito Mabunda

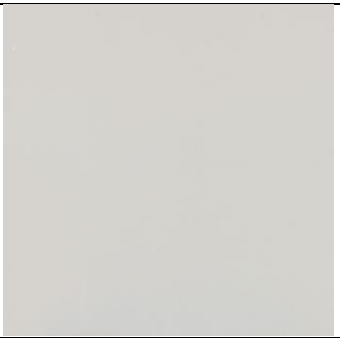



INDEX

SPECIFICATION DOCUMENT

Pretoria Branch
Southdowns Office Park
Block D – Suite 13
Centurion Irene 0123
Tel: 012 665 2632
Fax: 012 665 0822

Polokwane Branch
Unit 6 SRSQS Offices
9 Marshall Street
Polokwane, 0699
Tel: 015 291 1005
Fax: 015 295 7636

Kimberly Branch
124 George Street
Kimberley
8300
Tel: 051 010 0077
Fax: 086 560 4404

ABLUTIONS:		
FLOOR TILING	Porcelain tiles, size 600 x 600mm, fixed to internal floor screed with TAL tile adhesive mixed with TAL Bond® in lieu of water with joints continuous in both directions and grouted with TAL tile grout, excess grout on the surface to be cleaned with water as work proceeds. (technical specification to be issued)	
WALL TILING	Polished tile, size 600 x 600 fixed to internal wall plaster backing with TAL tile adhesive with joints continuous in both directions and grouted with tile grout, excess grout on the surface to be cleaned with water as work proceeds, all in accordance with the manufacturer's recommendations. (technical specification to be issued)	
IRONMONERY (EXTERNAL DOORS)	<p>HANDLES: Handle (as pictured) on 150 x 45mm pressed backplate with Anodised Silver finish including Euro Profile cylinder upright lock case and 66mm Euro Profile double cylinder.</p> <p>HINGES: Two ball bearing butt hinge with Stainless Steel finish.</p> <p>DOORSTOP: Aluminium doorstop with Anodised Silver finish.</p> <p>DOOR CLOSER: Medium duty cam action overhead door closer with slide channel and hold open and necessary mounting brackets, etc.</p>	  






Pretoria Branch
Southdowns Office Park
Block D – Suite 13
Centurion Irene 0123
Tel: 012 665 2632
Fax: 012 665 0822

Polokwane Branch
Unit 6 SRSQS Offices
9 Marshall Street
Polokwane, 0699
Tel: 015 291 1005
Fax: 015 295 7636

Kimberly Branch
124 George Street
Kimberley
8300
Tel: 051 010 0077
Fax: 086 560 4404

Company Reg: 2012/139758/07

Directors: Sandro Shikwambana; Marito Mabunda


	<p>SIGNAGE: "Female/Male" engraved grade 304 Stainless Steel sign, size 150 x 150 x 1,2mm with counter-sunk fixing holes plugged and screwed with aluminium screws.</p>	 
<p>IRONMONGERY (INTERNAL DOORS)</p>	<p>HANDLES: Handle (as pictured) on 152 x 76mm backplate with Anodised Silver finish including mortice latch.</p> <p>HINGES: Two ball bearing butt hinge with Stainless Steel finish.</p> <p>HOOK: Aluminium hat, coat, and robe hook with Anodised Silver finish.</p> <p>DOORSTOP: Aluminium doorstop with Anodised Silver finish.</p>	  

Pretoria Branch
Southdowns Office Park
Block D – Suite 13
Centurion Irene 0123
Tel: 012 665 2632
Fax: 012 665 0822

Polokwane Branch
Unit 6 SRSQS Offices
9 Marshall Street
Polokwane, 0699
Tel: 015 291 1005
Fax: 015 295 7636

Kimberly Branch
124 George Street
Kimberley
8300
Tel: 051 010 0077
Fax: 086 560 4404

Company Reg: 2012/139758/07
Directors: Sandro Shikwambana; Marito Mabunda

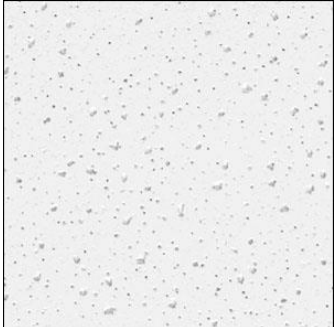
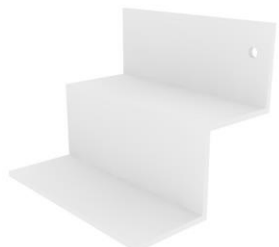
	<p>INDICATOR BOLTS: Aluminium indicator bolts with Anodised Silver finish.</p> <p>INDICATOR BOLTS (PARA): Aluminium helping hand disabled facility indicator bolt with Anodised Silver finish.</p> <p>PUSH PLATE: Anodised Silver 152 x 76mm push plate, size 152 x 76mm.</p>	
WALL PAINT	<p>Low sheen acrylic emulsion paint (colour to later spec) to new cement plaster. Surface to be dry, sound, and clean and cured for a minimum of 14 days, with a moisture content measured with a Doser Hygrometer (or equivalent), of BD 2 scale - 8% or less. Prime with one coat Professional Plaster Primer with an overcoating time of 16 hours and finish with two coats colour with 16 hours drying time between coats, for a maintenance cycle of 10 years in a C1 - inland environment.</p>	

Pretoria Branch
Southdowns Office Park
Block D – Suite 13
Centurion Irene 0123
Tel: 012 665 2632
Fax: 012 665 0822

Polokwane Branch
Unit 6 SRSQS Offices
9 Marshall Street
Polokwane, 0699
Tel: 015 291 1005
Fax: 015 295 7636

Kimberly Branch
124 George Street
Kimberley
8300
Tel: 051 010 0077
Fax: 086 560 4404

Company Reg: 2012/139758/07
Directors: Sandro Shikwambana; Marito Mabunda

<p>CEILING TYPES</p>	<ol style="list-style-type: none"> 1. Skimmed ceiling system with 9mm thick plasterboard fixed at right angles using 25mm Jumbo drywall screws at 150mm centres to steel branderling comprising steel branderling at 400mm centres in one direction only. All joints to be covered with fiba tape and the entire surface plastered with 3mm to 6mm thick skimming plaster. <p><u>Cornice:</u> Cove moulded gypsum cornice, overall size 75 x 75mm high, fixed using a utility adhesive, all in accordance with the manufacturer's recommendations.</p> <ol style="list-style-type: none"> 2. 600 x 1200 x 15mm thick acoustic white square edged ceiling tiles, laid on 24mm wide x 38mm high pre-painted exposed grid tee suspension system, including all necessary hangers, grids and hold down clips. Ceiling perimeter to be finished with pre-painted wall angle, all in accordance with the manufacturer's recommendations and SABISA guidelines. <p><u>Ceiling wall trim:</u> Aluminium shadow wall trim, fixed to plastered brickwork with 5 x 25mm wall anchors at 450mm centres.</p>	 
-----------------------------	---	--






Pretoria Branch
Southdowns Office Park
Block D – Suite 13
Centurion Irene 0123
Tel: 012 665 2632
Fax: 012 665 0822





Polokwane Branch
Unit 6 SRSQS Offices
9 Marshall Street
Polokwane, 0699
Tel: 015 291 1005
Fax: 015 295 7636

Kimberly Branch
124 George Street
Kimberley
8300
Tel: 051 010 0077
Fax: 086 560 4404

Company Reg: 2012/139758/07

Directors: Sandro Shikwambana; Marito Mabunda

<p>SANITARY FITTINGS</p>	<ol style="list-style-type: none"> 1. WC: Low level pan colour White, 100mm outlet with cistern connected to 15mm water supply with foot of bowl sealed to floor with acetoxysilicone sealant. 2. FV: 20mm BSP, exposed, lever operated, chrome toilet flushing valve with back entry flush pipe. 3. URINAL: 50cm urinal colour White, with back or top inlet and waste outlet including wall mounting brackets and connected to water supply, sealed with silicone sealant where urinal meets wall. 4. URINAL DIVIDERS: 12mm compact high pressure laminate urinal screen colour Pastel Grey, overall size 450 x 750mm fixed to wall with 304 grade stainless steel brackets. 5. UNDERCOUNTER BASIN: Undercounter wash basin colour White, fixed with 3 fixation brackets and sealed with acetoxysilicone sealant fixed to undercounter. Height: 560mm x Width: 420mm x Depth: 210mm. 6. BASIN MIXER: Deck mounted basin mixer, overall size 136.93 x 43.38 x 123.74mm, installed in accordance with the manufacturer's recommendations. 	    
---------------------------------	---	---

	<p>7. TOILET PAPER DISPENSER: White 2-roll toilet roll holder, overall size 130 x 130 x 260mm plugged and screw to wall with stainless steel screws.</p>	
	<p>8. PAPER TOWEL DISPENSER: Rolled Hand Towel Dispenser colour White overall size 236 x 430 x 241mm high.</p>	
	<p>9. SOAP DISPENSER: Hand Cleanser and Sanitiser Dispenser - Cassette 1L colour White, overall size 235 x 116 x 114mm high.</p>	
	<p>10. BIN: Plastic / Medium size colour White. Dimensions: 56.9cm (L) x 42.2cm (W) x 28.7cm (D)</p>	

Pretoria Branch
Southdowns Office Park
Block D – Suite 13
Centurion Irene 0123
Tel: 012 665 2632
Fax: 012 665 0822

Polokwane Branch
Unit 6 SRSQS Offices
9 Marshall Street
Polokwane, 0699
Tel: 015 291 1005
Fax: 015 295 7636

Kimberly Branch
124 George Street
Kimberley
8300
Tel: 051 010 0077
Fax: 086 560 4404

Company Reg: 2012/139758/07
Directors: Sandro Shikwambana; Marito Mabunda

	<p>11. SANITARY BIN (bin FEMALE WCs): 12L Pedal-operated Dimensions: 46.3(D) x 14 (W) x 48cm (H). Colour – White</p>	
	<p>12. MIRROR: 450mm x 650mm Bevelled edge mirror fixed to walls with mirror dome screws.</p>	
	<p>13. BLINDS (ONLY WHERE APPLICABLE): 50mm Wood Grain venetian blind, colour Alu Oak, size (as per window reveal dimensions), reveal fixed in accordance with manufacturer's recommendations.</p>	
	<p>14. BATHROOM SHELF (STAFF ABLUTIONS ONLY): White glass shelf, overall size 110 x 53 x 450mm high, plugged and screwed to wall with dome head screws, installed in accordance with the manufacturer's recommendations.</p>	

**PARAPLEGIC
SANITARY
FITTINGS**

1. **WC:** Raised paraplegic CC WC with side lever and grab rails combo colour White 100mm outlet with cistern connected to 15mm water supply with foot of bowl sealed to floor with acetoxysilicone sealant.



2. **BASIN:** 50cm Medical basin with brackets colour White fixed with stainless steel screws and washers to plugs in wall with optional concealed wall brackets sealed with acetoxysilicone sealant where basin meets wall.



3. **BASIN MIXER:** Chrome finish Medical Pillar Tap with Blue/Red indices deck mounted basin mixer, overall size 63mm (h) x 41mm (d) x 79mm (l), installed in accordance with the manufacturer's recommendations.





Pretoria Branch
Southdowns Office Park
Block D – Suite 13
Centurion Irene 0123
Tel: 012 665 2632
Fax: 012 665 0822


Polokwane Branch
Unit 6 SRSQS Offices
9 Marshall Street
Polokwane, 0699
Tel: 015 291 1005
Fax: 015 295 7636

Kimberly Branch
124 George Street
Kimberley
8300
Tel: 051 010 0077
Fax: 086 560 4404

Company Reg: 2012/139758/07

Directors: Sandro Shikwambana; Marito Mabunda

	<p>4. HAND DRYER: Electric hand dryer, colour white. Power 550W, 20 000RPM Drying time – 5 to 10 Seconds</p>	
	<p>5. TOILET PAPER DISPENSER: White 2-roll toilet roll holder, overall size 130 x 130 x 260mm plugged and screw to wall with stainless steel screws.</p>	
	<p>6. PAPER TOWEL DISPENSER: Rolled Hand Towel Dispenser colour White overall size 236 x 430 x 241mm high.</p>	
	<p>7. SOAP DISPENSER: Elbow operated soap dispenser frame. High-grade stainless-steel satin finish. Dimensions: 295 (H) x 70(W) x 290(D)</p>	
	<p>8. BIN: Plastic / Medium size colour White Dimensions: 56.9cm (L) x 42.2cm (W) x 28.7cm (D)</p>	
	<p>9. CISTERN GRABRAIL: Cistern grab rail colour Silver fixed to walls with fixation bolts.</p>	

	<p>10. DOGLEG GRABRAIL: Dog Leg grab rail colour Silver fixed to walls with fixation bolts.</p> <p>11. SANITARY BIN: 12L Pedal-operated Dimensions: 46.3(D) x 14 (W) x 48cm (H). Colour – White</p> <p>12. MIRROR: 450mm x 650mm Bevelled edge mirror fixed to walls with mirror dome screws.</p>	
--	--	---



Pretoria Branch
Southdowns Office Park
Block D – Suite 13
Centurion Irene 0123
Tel: 012 665 2632
Fax: 012 665 0822

Polokwane Branch
Unit 6 SRSQS Offices
9 Marshall Street
Polokwane, 0699
Tel: 015 291 1005
Fax: 015 295 7636

Kimberly Branch
124 George Street
Kimberley
8300
Tel: 051 010 0077
Fax: 086 560 4404

Company Reg: 2012/139758/07

Directors: Sandro Shikwambana; Marito Mabunda

LIGHT FITTINGS	Aluminium recessed Class 2 IP44 downlighter in White finish with Opal Polycarbonate lens, 225mm diameter x 21mm deep supplied with 1 x 18W Integrated LED lamp	
COUNTERTOPS	12mm thick non-porous, homogeneous natural minerals and pure acrylic polymer solid surfacing sheet, joined inconspicuously with matching adhesive and bonded to substrate with an approved silicone, fabricated and constructed by an approved fabricator in accordance with the drawings, all in accordance with the manufacturer's recommendations.	


Pretoria Branch
Southdowns Office Park
Block D – Suite 13
Centurion Irene 0123
Tel: 012 665 2632
Fax: 012 665 0822

Polokwane Branch
Unit 6 SRSQS Offices
9 Marshall Street
Polokwane, 0699
Tel: 015 291 1005
Fax: 015 295 7636

Kimberly Branch
124 George Street
Kimberley
8300
Tel: 051 010 0077
Fax: 086 560 4404

Company Reg: 2012/139758/07

Directors: Sandro Shikwambana; Marito Mabunda

CLASSROOMS:		
WALL PAINT	Low sheen acrylic emulsion paint (colour to later spec) to new cement plaster. Surface to be dry, sound, and clean and cured for a minimum of 14 days, with a moisture content measured with a Doser Hygrometer (or equivalent), of BD 2 scale - 8% or less. Prime with one coat Professional Plaster Primer with an overcoating time of 16 hours and finish with two coats colour with 16 hours drying time between coats, for a maintenance cycle of 10 years in a C1 - inland environment.	
FLOOR TILING	Porcelain tiles, size 600 x 600mm, fixed to internal floor screed with tile adhesive with joints continuous in both directions and grouted with tile grout, excess grout on the surface to be cleaned with water as work proceeds.	
VARNISH (SKIRTINGS)	Polyurethane varnish to new interior wood. Sand with abrasive paper, leaving surface clean and dust free. Apply two coats varnish (Eggshell finish) with an overcoating time of 18 hours.	
VARNISH (DOORS)	Polyurethane varnish to new interior wood. Sand with abrasive paper, leaving surface clean and dust free. Apply two coats varnish (Eggshell finish) with an overcoating time of 18 hours.	
PAINT – METAL WORK	Polyurethane Enamel to interior new mild steel. Surface to be clean and dry. Remove surface contaminants using degreaser with bristle brush or Brillo pads. Rinse thoroughly with tap water until surface is water break-free. Remove rust and millscale by abrasive blasting to ISO 8501 - 01:1988 - Sa2½ or by hand/mechanical wire brushing to St3 of the same standard. Allow to dry completely and prime within 4 hours of cleaning. Prime with one coat 75 Zinc Phosphate Epoxy Primer with an overcoating time of 4 hours and finish with two coats Polyurethane Enamel with 30 minutes drying time between coats, for a maintenance cycle of 8 years in a C1 - inland environment. (Colour: TBD)	


Pretoria Branch
Southdowns Office Park
Block D – Suite 13
Centurion Irene 0123
Tel: 012 665 2632
Fax: 012 665 0822

Polokwane Branch
Unit 6 SRSQS Offices
9 Marshall Street
Polokwane, 0699
Tel: 015 291 1005
Fax: 015 295 7636

Kimberly Branch
124 George Street
Kimberley
8300
Tel: 051 010 0077
Fax: 086 560 4404

Company Reg: 2012/139758/07

Directors: Sandro Shikwambana; Marito Mabunda

<p>IRONMONGERY</p>	<p>LOCKSET: Handle (as pictured) on 150 x 45mm pressed backplate with Anodised Silver finish including Euro Profile cylinder upright lock case and 66mm Euro Profile double cylinder.</p> <p>HINGES: Two ball bearing butt hinge with Stainless Steel finish.</p> <p>DOORSTOP: Aluminium doorstop with Anodised Silver finish.</p> <p>DOOR CLOSER: Medium duty cam action overhead door closer with slide channel and hold open and necessary mounting brackets, etc.</p>	
<p>TILE SKIRTING</p>	<p>100mm Cut Tile skirting to match floor tile</p> <p>Trim: 12mm Aluminium tile trim fixed to substrate with an approved adhesive.</p>	