

## LISTING FOR SELECTED CONSTRUCTION WORK

Specification numbers hereunder corresponds to those in the Ministry of Environment and Urbanism listing.

Specification Number	Description	Units
<b>Preparatory works</b>		
08.003	Manual grading of aggregate	m <sup>3</sup>
08.006	Manual grading of rendering fines	m <sup>3</sup>
08.007	Manual washing of aggregate	m <sup>3</sup>
08.009	Mechanical grading of aggregate	m <sup>3</sup>
08.010	Manufacture of sundry hardware (clips, cleats, shoes, caps, fishplates, <i>etc.</i> ) from flat m/s stock	kg
08.011	Manufacture of anchor & tie-bars from round m/s stock	kg
08.012	Manufacture of sundry hardware (tie-plates, joist hangers, dogs, cleats, caps, shoes, <i>etc.</i> ) for timberwork from m/s stock	kg
08.013	Manufacture of sundry hardware (clamps, cleats, hangers, <i>etc.</i> ) for gutter-work from galvanized m/s stock	kg
08.021	Preparation of quarystone for ballast, fill, hardcore, rubble walling, <i>etc.</i>	m <sup>3</sup>
08.026	Dressing of quarystone for ashlar work	m <sup>3</sup>
08.031	Dressing of quarystone for fine masonrywork (cills, copings, balusters, steps, corbs, vaulting, <i>etc.</i> )	m <sup>3</sup>
08.048	Manufacture of Ø20 cm drain tile from 400 kg/m <sup>3</sup> concrete	m
08.601	Manufacture of 10/19/39 cm hollow wall block from 200 kg/m <sup>3</sup> concrete to TS406	1000ct
08.610	Manufacture of 20 cm hollow floor block from 200 kg/m <sup>3</sup> concrete to TS407	m <sup>2</sup>
<b>Preparation of mortars</b>		
10.003	Preparation of 200 kg/m <sup>3</sup> masonry mortar	m <sup>3</sup>
10.010	Preparation of 400 kg/m <sup>3</sup> rendering mortar	m <sup>3</sup>
10.013	Preparation of 500 kg/m <sup>3</sup> jointing mortar	m <sup>3</sup>
10.051	Preparation of rendering mix for spatter application	m <sup>3</sup>
10.081	Preparation of terrazzo mix	m <sup>3</sup>
10.097	Preparation of scratch-coat mix with expanded Perlite®	m <sup>3</sup>
<b>Manual excavation work, site clearing and trenching</b>		
14.001	Manual excavation / levelling in loose / soft earth	m <sup>3</sup>
14.005	Manual excavation in hard-pack	m <sup>3</sup>
14.006	Excavation in hard rock with manually- or air-drilled blasting	m <sup>3</sup>
14.0121	Manual pit excavation to all depths and widths in soft or packed earth	m <sup>3</sup>
14.018	Layer-compacting of refilled spoilage	m <sup>3</sup>
14.0181	Furnace-slag fill	m <sup>3</sup>
14.021	Clearing and rooting of shrubbery and undergrowth from excavation site	100m <sup>2</sup>
14.0231	Full boarding to excavation faces	m <sup>2</sup>
<b>Concrete work</b>		
16.001	150 kg/m <sup>3</sup> plain concrete	m <sup>3</sup>
16.0221	B160 structural concrete with quarry aggregate	m <sup>3</sup>
16.0321	B160 structural concrete with crushed stone aggregate	m <sup>3</sup>
16.0411	B225 structural concrete with graded aggregate	m <sup>3</sup>
16.060	Fabrication of Ø45 cm caisson (retaining) piles	m
<b>Stone masonrywork</b>		
17.002	Rubble walling with quarystone and 200 kg/m <sup>3</sup> mortar	m <sup>3</sup>
17.136	Laying of hardcore with quarystone	m <sup>3</sup>
17.139	Setting of curbs with quarystone	m
17.144	Paving with natural stone cobbles	m <sup>2</sup>

Specification Number	Description	Units
<b><u>Clay masonrywork</u></b>		
18.0112	Brick veneering with 19/9/5 cm face brick and 250 kg/m <sup>3</sup> mortar to TS705	m <sup>2</sup>
18.0311	Bearing-wall construction with 19/9/5 cm solid or cored brick and 200 kg/m <sup>3</sup> mortar to TS705	m <sup>3</sup>
18.0317	Structural partition construction with 24/24/23.5 cm lightweight hollow clay tile to TS4377	m <sup>3</sup>
18.0711	Construction of non-structural partitions with 19/19/8.5 cm hollow clay tile and 250 kg/m <sup>3</sup> mortar to TS4563	m <sup>3</sup>
<b><u>Masonrywork with AAC (autoclaved aerated concrete) units</u></b>		
18.106	19 cm walling with AAC block and 3:1:1 mortar	m <sup>2</sup>
18.124	15 cm walling with reinforced AAC panels and 300 kg/m <sup>3</sup> joint mortar	m <sup>2</sup>
18.154	15 cm structural roof decking with reinforced AAC panels	m <sup>2</sup>
18.161	Thermal insulation with 5 cm plain AAC panels	m <sup>2</sup>
<b><u>Roofing</u></b>		
18.211	Roof cladding with mission tiles	m <sup>2</sup>
18.2111	Roof cladding with plain concrete tiles	m <sup>2</sup>
18.231	Ridging to mission tile roofs	m
18.232	Roof cladding with #10 sheet zinc on timber decking and TS 114 type 18 building paper underlay	m <sup>2</sup>
18.233051	Roof cladding with cold-rolled 0.7 mm sheet aluminum on purlined steel, timber or concrete sub-structure	m <sup>2</sup>
18.23308	Roof cladding with cold-rolled 0.7 mm sheet aluminum and 6cm BAT insulation on timber or concrete decking	m <sup>2</sup>
18.241	Roof cladding with 0.5 mm corrugated and galvanized sheet steel on timber decking	m <sup>2</sup>
18.251	Roof cladding with machine tiles on concrete decking	m <sup>2</sup>
<b><u>Concrete blockwork</u></b>		
18.301	Solid block walling with 200 kg/m <sup>2</sup> mortar	m <sup>3</sup>
18.302	Hollow concrete block walling with 200 kg/m <sup>2</sup> mortar	m <sup>3</sup>
18.321	Ribbed floor decking with 20 cm hollow fill blocks	m <sup>3</sup>
<b><u>Expansion joints</u></b>		
18.351	Metal expansion joints on exterior walls with steel cover plates and 300 kg/m <sup>3</sup> bedding mortar	m
18.352	Timber expansion joints on ceilings and interior walls	m
18.353	Metal expansion joints on ceilings and interior walls with 3/70 mm aluminum cover plates and 300 kg/m <sup>2</sup> bedding mortar	m
18.354	Metal expansion joints on floors	m
18.361	Expansion joints with 25-50 mm <sup>2</sup> polythene strip seals	m
18.371	Expansion joints with 25-50 mm <sup>2</sup> neoprene strip seals	m
18.381	Expansion joints with 25-50 mm <sup>2</sup> silicone strip seals	m
18.401	Laying of Ø10 cm 400 kg/m <sup>2</sup> concrete drain tile with 500kg/m <sup>3</sup> bedding	m
18.4501	Loose-laid Ø10 cm 400 kg/m <sup>3</sup> concrete drain tile	m
18.4602	Filter drainage with sand fill	m <sup>3</sup>
<b><u>Tanking and proofing work</u></b>		
18.4611	Single-layer proofing with minimum 1100 gr/m <sup>2</sup> bitumen-impregnated glass-fiber mat (gfm)	m <sup>2</sup>
18.4641	Triple-layer tanking with bitumen-coated aluminum foil between bitumen-impregnated gfm	m <sup>2</sup>
19.005	Roof topping of 2 cm sand and 3cm gravel spread on loose-laid building paper using seam jointing bitumen to TS 105-I	m <sup>2</sup>
19.014	Terrazzo paving on single-layer loose-laid building paper using seam jointing bitumen to TS 105- I	m <sup>2</sup>
19.019	1 cm sand topping on emulsified asphalt (e/a)	m <sup>2</sup>
19.021	1 cm sand topping on cement grout and e/a	m <sup>2</sup>

Specification Number	Description	Units
19.2205	Double-layer proofing with mineralized gfm topping on bitumen-impregnated gfm sub-strate	m <sup>2</sup>
19.043	Single-layer proofing with 1mm latex-coated gfm	m <sup>2</sup>
19.0481	Single-layer proofing with building paper on 2 cm type-50 rigid insulation	m <sup>2</sup>
19.501	6 cm type-18 BAT insulation on attic floors	m <sup>2</sup>
19.051	5 cm glass-fiber rigid insulation in sandwich walls	m <sup>2</sup>
19.054	3 cm rigid insulation with expanded polystyrene	m <sup>2</sup>
19.0691	Single-layer vapor barrier with 0.1mm bitumen-coated aluminum foil	m <sup>2</sup>
19.755	Double-layer vapor barrier with coarse sand topping on 0.2 mm bitumen-coated aluminum foil on bitumen-impregnated gfm sub-strate	m <sup>2</sup>
19.076	Single-layer vapor barrier with coarse sand topping on bitumen-coated building paper	m <sup>2</sup>
19.078	Single-layer vapor barrier with blistered PVC sheet	m <sup>2</sup>
19.081	Proofing of vertical surfaces with 0.8 mm elastomeric resin-based compound	m <sup>2</sup>
<b>Formwork and scaffolding</b>		
21.001	Non-structural timber formwork	m <sup>2</sup>
21.011	Structural and non-structural shuttering	m <sup>2</sup>
21.012	Non-demountable shuttering, all types	m <sup>2</sup>
21.013	Structural and non-structural fair-face shuttering	m <sup>2</sup>
21.015	Structural and non-structural match-boarded fair-face shuttering	m <sup>2</sup>
21.021	Structural and non-structural curvilinear formwork	m <sup>2</sup>
21.035	Steel formwork for ribbed floors	m <sup>2</sup>
21.065	Wall scaffolding, up to 12.5 m	m <sup>2</sup>
21.066	Soffit scaffolding, up to 12.5 m	m <sup>3</sup>
<b>Timber construction work</b>		
21.126	Smooth-faced timber stock	m <sup>3</sup>
21.200	Roof truss construction with mill stock	m <sup>3</sup>
21.205	Roof truss construction with smooth-face stock	m <sup>3</sup>
21.210	Board-sheathed bearing roof construction with mill stock	m <sup>2</sup>
21.235	Boarding over eaves rafters with single-planed stock	m <sup>2</sup>
21.251	Structural framing with mill stock	m <sup>2</sup>
21.261	Battened flooring on concrete decks	m <sup>2</sup>
21.267	Timber siding with grade 1 stock	m <sup>2</sup>
21.286	Battened wood block flooring on concrete decks with grade 1 oak stock	m <sup>2</sup>
21.291	Bonded wood block flooring on concrete decks with grade 1 oak stock	m <sup>2</sup>
21.300	Bonded parquette flooring on steel-trowelled screed	m <sup>2</sup>
21.301	Hardwood railings to straight-flight stairs, in place	m
21.306	Hardwood railings to curved-flight stairs, in place	m
21.311	Hardwood-framed plywood dado paneling, in place	m <sup>2</sup>
21.313	Plain plywood paneling on timber furring, in place	m <sup>2</sup>
<b>Timber joinery work (doors and windows)</b>		
22.001	Solid white pine linings and architraves for interior doors, in place	m <sup>2</sup>
22.002	Solid long-leaf pine bucks or linings and architraves for exterior doors, in place	m <sup>2</sup>
22.0031	Proprietary hollow-core linings and architraves for interior doors, in place	m <sup>2</sup>
22.007	Plywood-paneled interior door wings with white pine framing, in place	m <sup>2</sup>
22.0092	Proprietary hollow-core glazed flush interior door wings with particleboard facings, in place	m <sup>2</sup>
22.011	Solid-panel long-leaf pine exterior door wings, in place	m <sup>2</sup>
22.033	Hardwood exterior door wings with single-layer paneling, in place	m <sup>2</sup>
22.043	Glazed double-acting hardwood interior or exterior door wings, in place	m <sup>2</sup>
22.045	Single-glazed casement window of grade 1 long-leaf pine, in place	m <sup>2</sup>
22.050	Single sash frames of grade 1 long-leaf pine, in place	m <sup>2</sup>
22.066	Fully lined and counterweighted vertically-sliding windows with architraves, in place	m <sup>2</sup>
22.075	Match-boarded long-leaf pine window shutters, in place	m <sup>2</sup>
22.078	Fixed-louver long-leaf pine door or window shutters, in place	m <sup>2</sup>

Specification Number	Description	Units
<b>Steelwork for reinforced concrete</b>		
23.002	Bending and placement of Ø14-50 mm heavy-gauge re-bars to engineering shop drawings	ton
23.010	Placement of proprietary deformed-bar mesh reinforcement up to 3 kg/m <sup>2</sup>	ton
23.014	Bending and placement of Ø8-12 mm light-gauge re-bars to engineering shop drawings	ton
<b>Metalwork and metal joinery</b>		
23.051	Shaping and fitting of individual steel sections of up to 34 kg/m	ton
23.071	Shaping and fitting of composite steel sections	ton
23.081	Assembly and installation of steel trusswork	ton
23.101	Manufacture and erection of structural steel skeleton framing	ton
23.111	Manufacture and installation of steel doors, windows, shutters, sliding-folding door and window grilles	kg
23.152	Manufacture and installation of steel doors and windows from stock box-sections	kg
23.153	Residential door linings of 1.5 mm cold-rolled sheet steel, in place	kg
23.176	Sundry steelwork (stair, balcony and parapet railings, vertical and horizontal grillework, etc.), in place	kg
23.220	Welded pipework railings of Ø½ - 2½" stock, in place	kg
23.225	Cast-iron work (manhole covers, storm drain gratings, etc.), in place	kg
23.226	Galvanized steel pipework flagpoles, including sheave and halliard, in place	kg
23.240	Sundry aluminum work (fenestration, shop-fronts, paneling, etc.), in place	kg
23.24311	Clip-mounted anodized aluminum strip ceilings on suspension bars	m <sup>2</sup>
23.24401	anodized aluminum joinery work of non-insulated stock sections, in place	kg
23.24415	electro-static powder-coated joinery work of insulated stock aluminium sections, in place	kg
<b>Sheet-metal work (tinsmithy)</b>		
24.001	Ø150 mm 12-gauge sheet zinc downspouts, in place	m
24.010	240 mm 14-gauge sheet zinc eaves guttering, in place	m
24.016	Roof valley flashing of 14-gauge sheet zinc, in place	m
24.018	30/30/40 cm sheet zinc cesspool, in place	each
24.019	25/40 cm 14-gauge sheet zinc (concealed) parapet guttering, in place	m
24.020	14-gauge sheet zinc roof flashings to chimneys, skylights, etc., in place	m
24.022	Ø12 cm cast-iron downspout outleads, in place	each
24.023	12-gauge sheet zinc exterior window cills, in place	m
24.025	12-gauge sheet zinc ash collection boxes for flues	each
24.026	12-gauge sheet zinc flue inlet covers	each
24.060	Ø75 mm sleeved PVC downspouts, in place	m
24.063	100 mm PVC eaves guttering, in place	m
<b>Painting and decorating work</b>		
25.001	Preparation of woodwork for painting	m <sup>2</sup>
25.002	Single-coat flat or gloss re-painting of woodwork	m <sup>2</sup>
25.004	Two-coat flat or gloss finishing of woodwork	m <sup>2</sup>
25.006	Stipple-finish topcoat over primed and undercoated woodwork	m <sup>2</sup>
25.016	Two-coat finish to metalwork on single-coat red-lead primer	m <sup>2</sup>
25.021	Three-coat flat or gloss finish on fresh plaster	m <sup>2</sup>
25.0481	Three-coat PVA-based emulsion finish on fresh plaster	m <sup>2</sup>
25.060	Clear-coat finishing of bare hardwood joinery	m <sup>2</sup>
25.061	Clear-coat finishing of glazed hardwood joinery	m <sup>2</sup>
25.06412	Embossed wall papering on fresh plaster	m <sup>2</sup>
25.070	Polishing of natural and artificial stones	m <sup>2</sup>
25.081	Clear-coat finishing to all types of timber flooring	m <sup>2</sup>
25.136	Single-coat priming of metalwork	m <sup>2</sup>

Specification Number	Description	Units
<b>Wall and floor claddings</b>		
25.114	2 mm PVC tiling bonded to existing screed or terrazzo	m <sup>2</sup>
25.123	Proofing and cladding of swimming pools	m <sup>2</sup>
26.021	Floor cladding with ribbed plain concrete tile	m <sup>2</sup>
26.032	Wall cladding with plain concrete colored tile	m <sup>2</sup>
26.033	Floor cladding with patterned terrazzo tile	m <sup>2</sup>
26.061	Cladding horizontal surfaces with white glazed tile	m <sup>2</sup>
26.072	Cladding vertical surfaces with glazed tile, all colors	m <sup>2</sup>
26.081	Jointed wall cladding with white glazed tile	m <sup>2</sup>
26.101	Floor cladding with 100/100/8 mm ceramic tile using mortar of 10.009	m <sup>2</sup>
26.171	Wall cladding with 100/100/8 mm ceramic tile using mortar of 10.009	m <sup>2</sup>
26.202	Floor cladding with 3 cm white marble	m <sup>2</sup>
26.351	Wall cladding with 2 cm travertine	m <sup>2</sup>
26.551	Wall cladding with mesh-reinforced white artificial stone	m <sup>2</sup>
26.601	Terrazzo cladding to stair steps with mix of 10.081	m <sup>2</sup>
26.621	White marble stair cladding with 4 cm treads and 3cm risers	m <sup>2</sup>
27.101	Struck jointing to rubblestone walling	m <sup>2</sup>
27.103	Fillet jointing to rubblestone walling	m <sup>2</sup>
27.104	Struck jointing to ashlar walling	m <sup>2</sup>
27.105	Struck jointing to ( fair-face) brick walling	m <sup>2</sup>
<b>Plaster, stucco and screed work</b>		
27.501	Smooth-finish rendering to interiors and exteriors below grade, with 250 kg/m <sup>3</sup> scratch- and 300 kg/m <sup>3</sup> float-coats	m <sup>2</sup>
27.505	Smooth-finish single-coat rendering to concrete walls with 500 kg/m <sup>3</sup> mortar	m <sup>2</sup>
27.508	Float-finish single-coat stucco on concrete walls with 350 kg/m <sup>2</sup> mortar	m <sup>2</sup>
27.511	Smooth- finish rendering with lime mortar	m <sup>2</sup>
27.517	Lime-cement rendering on expanded metal lath	m <sup>2</sup>
27.525	Gypsum plastering	
27.551	Marble-chip hard stucco	m <sup>2</sup>
27.557	Roll-on synthetic resin binder coating on plaster or fair-face concrete back-ground	m <sup>2</sup>
27.559	3 mm pebble-finish synthetic resin bonded stucco on plaster or fair-face concrete background	m <sup>2</sup>
27.5601	Silicone-based wall priming	m <sup>2</sup>
27.561	22 mm insulating plaster with expanded Perlite® in cement mortar	m <sup>2</sup>
27.570	Jointless terrazzo cladding to walls	m <sup>2</sup>
27.571	Terrazzo window cills	m <sup>2</sup>
27.578	Terrazzo-finished concrete copings to any thickness masonry walls	
27.581	Float-finish floor screeding with 200 kg/m <sup>3</sup> mortar	m <sup>2</sup>
27.583	25mm steel-trowelled screed topping with 400 kg/m <sup>3</sup> mortar	m <sup>2</sup>
<b>Glazier's work</b>		
28.001	2 mm plain glazing to timber joinerywork with glazing putty	m <sup>2</sup>
28.010	5 - 6 mm wired glass to timber joinerywork with glazing putty	m <sup>2</sup>
28.014	3 - 4 mm rolled glass to timber joinerywork with glazing putty	m <sup>2</sup>
28.017	3 mm translucent glazing to timber joinerywork with glazing putty	m <sup>2</sup>
28.021	2 mm plain glazing to timber joinerywork with glazing beads	m <sup>2</sup>
28.041	2 mm plain glazing to metal joinerywork with glazing putty	
28.061	2 mm plain glazing to metal joinerywork with solid- or hollow-section metal glazing beads	m <sup>2</sup>
28.081	Proprietary 3+3 mm double glazing to TS3539 on timber joinerywork with glazing putty	m <sup>2</sup>

Specification Number	Description	Units
<b>Landscaping work</b>		
37.006	Manual raking of topsoil for lawn seeding	100m <sup>2</sup>
37.007	Spadework in soft soils, to 20 - 25 cm depth	100m <sup>2</sup>
37.022	80 cm deep Ø60 cm transplant ditching in gravelly soils or hardpack	each
37.026	Terracing work in soft soils	m <sup>3</sup>
37.030	Preparation of flower and planting beds	100m <sup>2</sup>
37.035	Bare-root transplanting of coniferous saplings	each
37.088	Weeding of flower beds and lawns	100m <sup>2</sup>
37.089	Lawnmowing	100m <sup>2</sup>
37.0921	Fertilizer spreading	ton
37.094	Sod laying	m <sup>2</sup>